Boom!™ Audio 30K

MOTORCYCLE BLUETOOTH COMMUNICATION SYSTEM WITH MESH INTERCOM™

MENU

Version 2.0.0

CLICK ANY SECTION TO BEGIN

ABOUT THE HEADSET

INSTALLING THE HEADSET

GETTING STARTED

PAIRING WITH DEVICES

MOBILE PHONE USAGE

STEREO MUSIC

INTERCOM SETUP

MESH INTERCOM

AUDIO MULTITASKING

USING THE FM RADIO

AMBIENT MODE

VOICE COMMAND

GENERAL SETTINGS

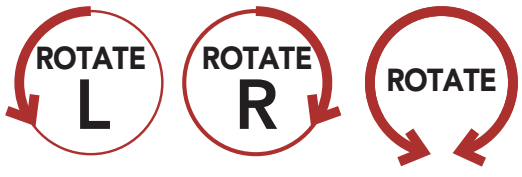
REMOTE CONTROL

TROUBLE-SHOOTING

LEGEND:

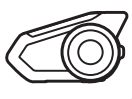
Tap button/Jog Dial the specified number of times

Press and Hold button/ Jog Dial for the specified amount of time



Rotate Jog Dial clockwise (right) or counterclockwise (left).

Rotate while Pressing Jog Dial clockwise (right) or counterclockwise (left).



"Hello"

Audible prompt from the headset

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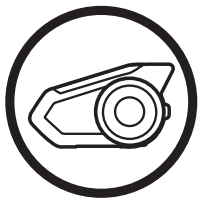

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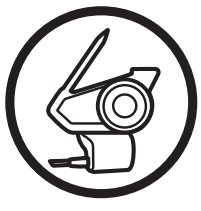

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SAFETY PRECAUTIONS

Please ensure that the product is properly used by observing the safety precautions below to prevent any risk of serious injury, death and/or damage to property.

Hazard alert signal words

The following safety symbols and signal words are used in this manual.

⚠ **WARNING:** Indicates a potential hazardous situations that, if not avoided, could result in death or serious injury.

⚠ **CAUTION:** Indicates a potential hazardous situation that, if not avoided, could result in minor or moderate injury.

***NOTICE*:** Indicates information considered important, but not hazard-related. If not avoided, it could cause damage to your product.

Note: Notes, usage tips, or additional information

Product Use

Observe the following precautions to avoid injury or damage to your product while using the product.

⚠ WARNING

- Use of the product at a high volume for a long period of time may damage your eardrums or hearing ability.
- If the product emits an unusual smell, feels hot, or appears abnormal in any other way while using or charging, stop using it immediately. It may cause damage, explosion, or fire. Contact your sales location if any of these problems are observed.
- Careless use of the product on the road is risky and may result in serious injury, death or damage. You must heed all safety precautions in all documents that come with this product. This will help minimize the chance these risks may occur while riding.
- In any place where wireless communication is prohibited, such as hospitals or airplanes, turn off the power. In a place where wireless communication is prohibited, electromagnetic waves may cause hazards or accidents.
- Before riding, fasten the product from the helmet, and double-check that it is properly fastened. Separation of the product while riding will cause damage to the product and may result in an accident.
- Do not use the product in an explosive atmosphere. If you are in such a location, turn off the power and heed any regulations, instructions, and signs in the area.
- When you use the product while you operating any vehicle or equipment such as motorcycles, scooters, mopeds, ATVs, or quadbikes (hereinafter called “transportation means”), you need to follow the safety precautions provided by the manufacturer of the vehicle.

- When you use the product, use good judgment; never use it under the influence of alcohol or drugs or when you are extremely tired.

NOTICE

- Attaching the product to the helmet is considered a modification to the helmet and may void your helmet's warranty or compromise your helmet's functionality. This may entail risks during an accident, so be fully aware of this fact before using the product. Should you not accept this fact, you may return the product for a full refund.
- In some regions, it is prohibited by law to ride motorcycles while wearing headsets or earbuds. Therefore be certain you are aware of all relevant laws in the region where you are using the product and are sure that you comply with them.
- The headset is for motorcycle helmets only. To install the headset, you must follow the installation instructions shown in the User's Guide.
- Do not impact the product with sharp tools as this may damage the product.
- Keep product away from pets or small children. They may damage the product.
- Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the limited warranty to operate the equipment.

Battery

Your product has a built-in battery. Be careful to heed all safety information in this guide. Failure to carefully observe the safety precautions can cause battery heat generation, bursting, fire and serious personal injury.

⚠ WARNING

- Do not use the product in direct sunlight for a long period of time. Doing so can damage the product and generate heat that can cause burns.
- Do not use or store the product inside cars in hot weather. It may cause the battery to generate heat, rupture, or ignite.
- Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, explode, or ignite.
- Do not leave the product near open flames. Do not dispose of the product in a fire. It may cause the battery to become hot, explode, or ignite and cause serious injury.
- Never attempt to charge a battery with the charger which has been physically damaged. It may cause explosion and/or accidents.

Product Storage and Management

Take the following precautions to avoid personal injury or damage to your product while storing and maintaining the product.

NOTICE

- Keep the product free of dust. Dust may damage mechanical and electronic parts of the product.
- The product should be stored at room temperature. Do not expose the product to extremely high or low temperature as this may reduce the life span of electronic devices, damage the battery, and/or melt plastic parts of the product.

- Do not clean the product with cleaning solvents, toxic chemicals, or strong detergents as this may damage the product.
- Do not paint the product. Paint may obstruct moving parts or interfere with the normal operation of the product.
- Do not drop or otherwise shock the product. It may damage the product or its internal electronic circuits.
- Do not disassemble, repair or modify the product as this may damage the product and invalidate the product warranty.
- Do not store the product in humid environments, especially for long periods of time. It may damage the internal electronic circuits.
- Battery performance will deteriorate over time if stored for a long period of time without being used.

Note

- Do not dispose of the product with household waste. The built-in battery is not to be disposed of in municipal waste stream and requires separate collection. Disposal of the product should be done in accordance with the local regulations.

1. ABOUT THE MOTORCYCLE BLUETOOTH COMMUNICATION SYSTEM WITH MESH INTERCOM™

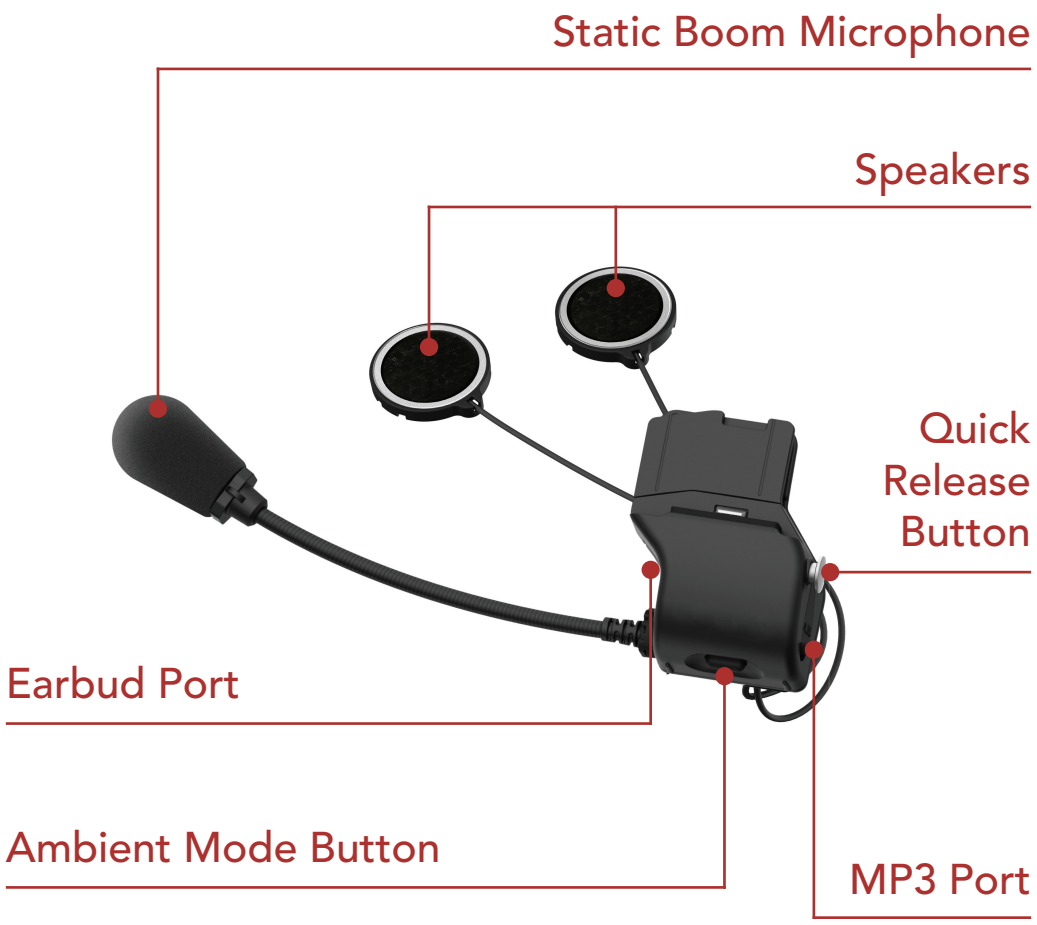
1.1 Product Details

Product Details

Package Contents

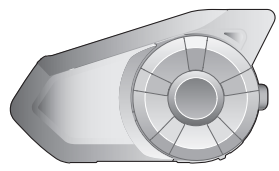
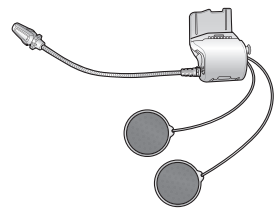
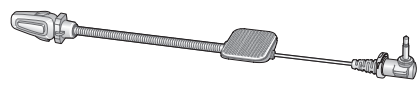
1.1.1 Headset Main Unit

1.1.2 Universal Clamp Kit



1. ABOUT THE MOTORCYCLE BLUETOOTH COMMUNICATION SYSTEM WITH MESH INTERCOM™

1.2 Package Contents

• Boom! Audio 30K Headset Main Unit	
• Universal Helmet Clamp	
• Wired Boom Microphone	
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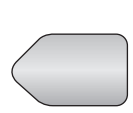
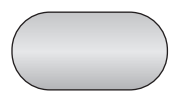
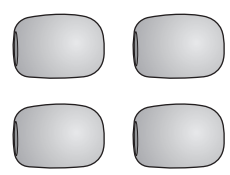
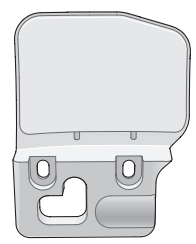
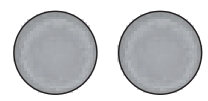
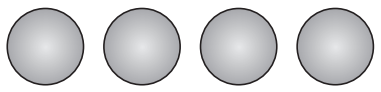
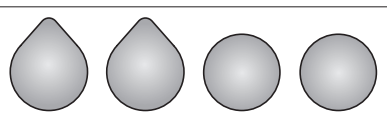
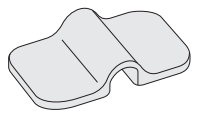
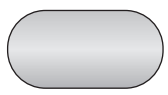
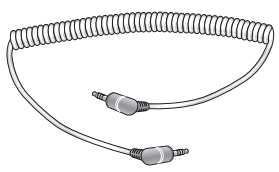
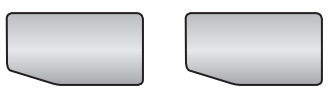
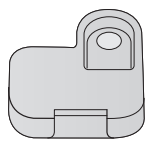
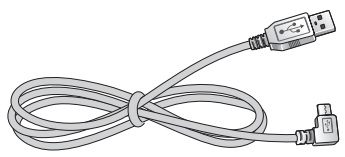
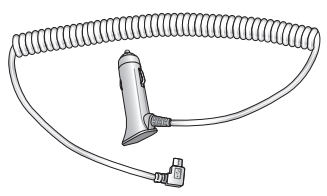
• Hook and Loop Fastener for Boom Microphone	
• Hook and Loop Fastener for Wired Microphone	
• Microphone Sponges	
• Glued Surface Mounting Adapter	
• Foam Speaker Covers	

1. ABOUT THE MOTORCYCLE BLUETOOTH COMMUNICATION SYSTEM WITH MESH INTERCOM™

Product Details

Package Contents

• Speaker Pads	
• Hook and Loop Fasteners for Speakers	
• Boom Microphone Holder	
• Hook and Loop Fastener for Holder	
• 2.5 to 3.5 mm Audio Cable	
• Rubber Pads	
• Allen Wrench	
• Speaker Port Cover	
• USB Power & Data Cable (Micro USB Type)	
• Cigarette Charger	

2. INSTALLING THE HEADSET ON YOUR HELMET

Helmet Installation

Using the Glued Surface Mounting Adapter

Switching the Microphone

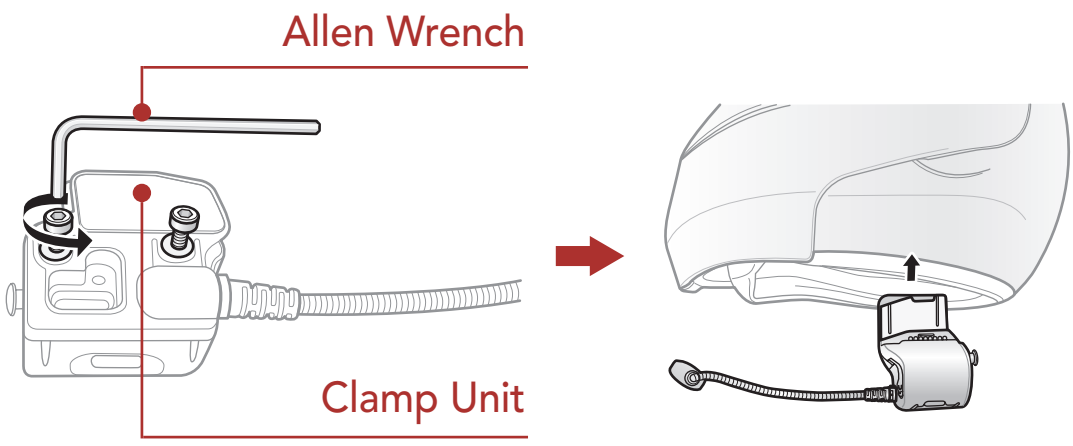
Earbuds

External Mesh Intercom Antenna

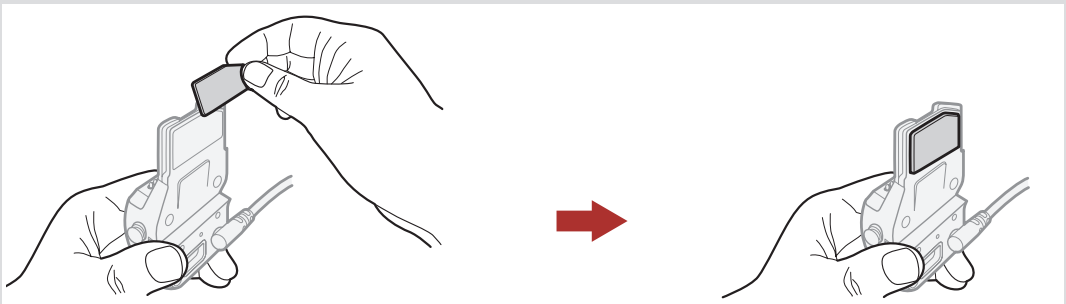
2.1 Helmet Installation

To securely install the headset on the helmet, please follow this procedure.

1. Insert the back plate of the clamp unit between the internal padding and the external shell of the helmet, and tighten the two screws.



Note: Depending on the size and shape of your helmet, you may need to change the thickness of the rubber pad between the clamp plates using the two extra rubber pads in the box. To increase the overall thickness, attach the thinner one to the original rubber pad or replace the original rubber pad with the thicker one.



2. INSTALLING THE HEADSET ON YOUR HELMET

Helmet Installation

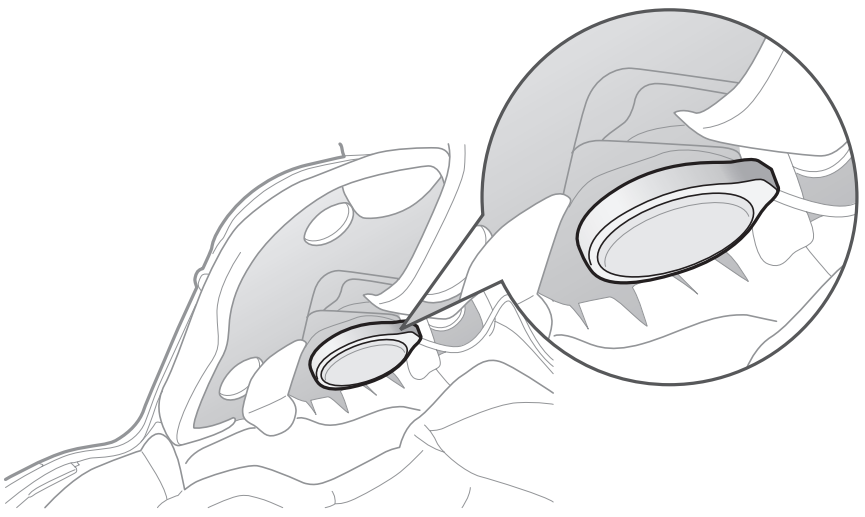
Using the Glued Surface Mounting Adapter

Switching the Microphone

Earbuds

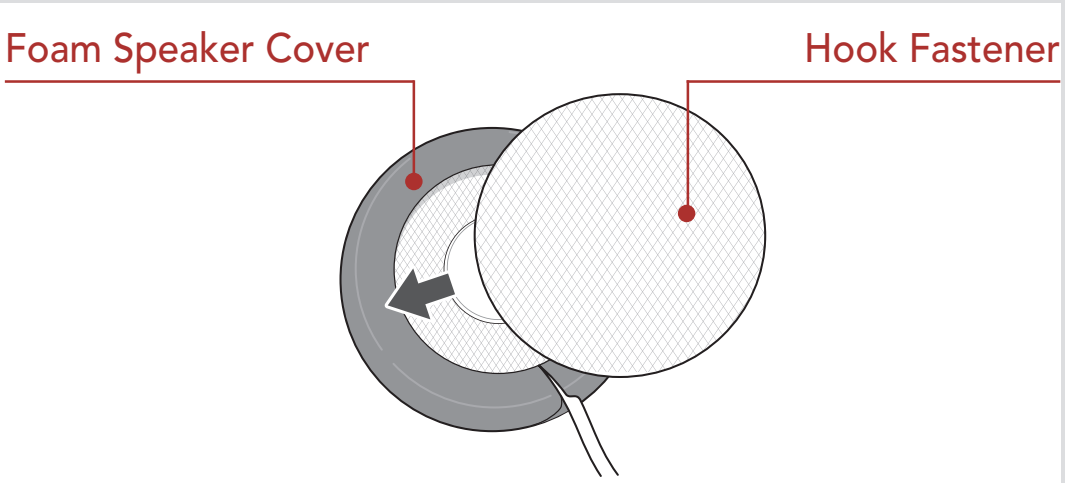
External Mesh Intercom Antenna

2. Place the helmet speakers along with the hook and loop fasteners, centered to your ear, in the ear pockets of the helmet. If the helmet has deep ear pockets, you can use the speaker pads to place the speakers closer to your ears.



Note:

- The speaker with the shorter wire is for the left ear and the speaker with the longer one is for the right ear.
- To enhance the audio quality, you can make use of the foam speaker covers. Cover each speaker with the foam and attach the hook fastener at the back of the speaker. Then place the speakers in the helmet as described above. Foam covered speakers work most effectively when they are slightly touching your ears.



2. INSTALLING THE HEADSET ON YOUR HELMET

Helmet Installation

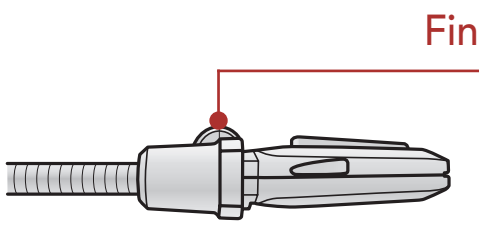
Using the Glued Surface Mounting Adapter

Switching the Microphone

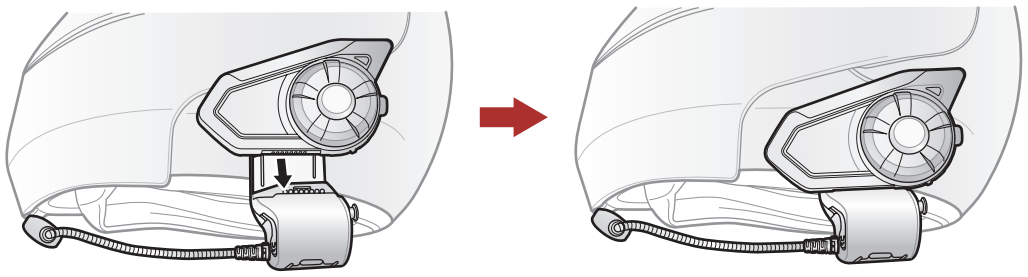
Earbuds

External Mesh Intercom Antenna

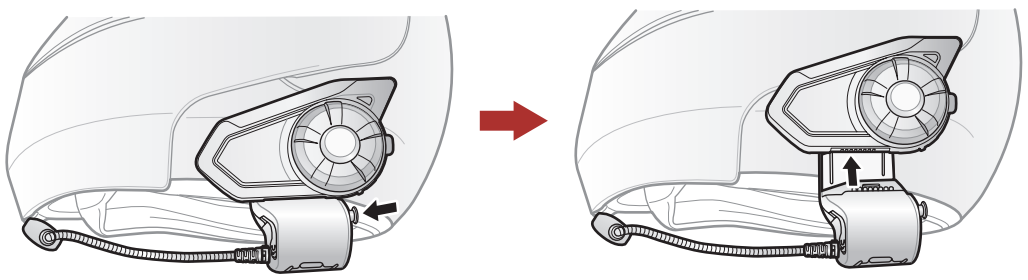
- Make sure that the microphone is located properly close to your mouth when you wear the helmet. Adjust the direction of the microphone so that the fin side of the microphone is facing outward, away from your lips.



3. Attach the headset main unit to the clamp unit. Slide the main unit down onto the clamp unit until it clicks firmly into the bottom portion of the clamp unit.



4. To remove the main unit from the clamp unit, press the Quick Release Button to slide it off the clamp unit.



2. INSTALLING THE HEADSET ON YOUR HELMET

Helmet Installation

Using the Glued Surface Mounting Adapter

Switching the Microphone

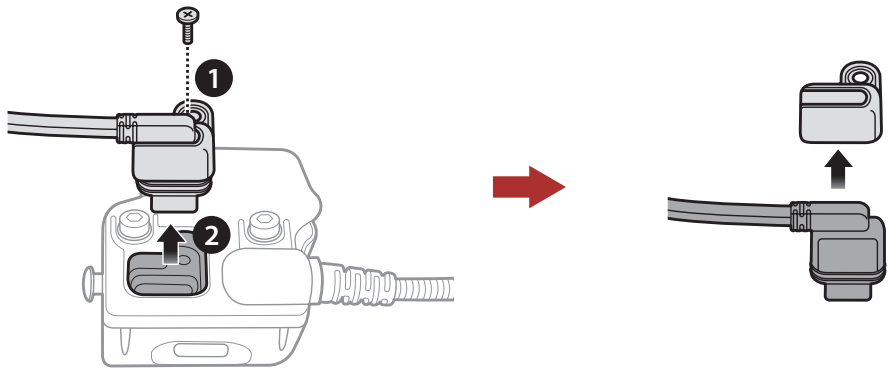
Earbuds

External Mesh Intercom Antenna

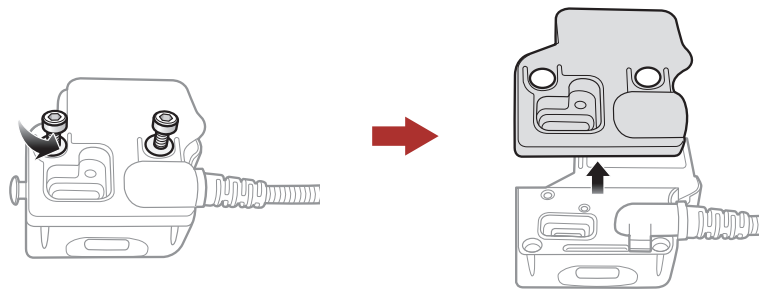
2.2 Using the Glued Surface Mounting Adapter

If you have any problem equipping the clamp unit on the helmet for any reason, you may use the glued surface mounting adapter to attach the clamp unit on the external surface of the helmet.

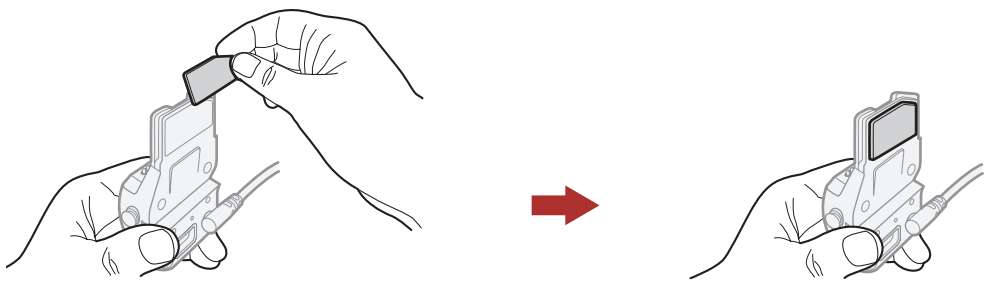
1. Remove the speaker unit.



2. Remove the back plate.



3. Remove the rubber pad and replace it with the thicker rubber pad included in the package.



4. Hook on the adapter to the clamp unit then screw in the glued external adapter to the clamp unit.

2. INSTALLING THE HEADSET ON YOUR HELMET

Helmet Installation

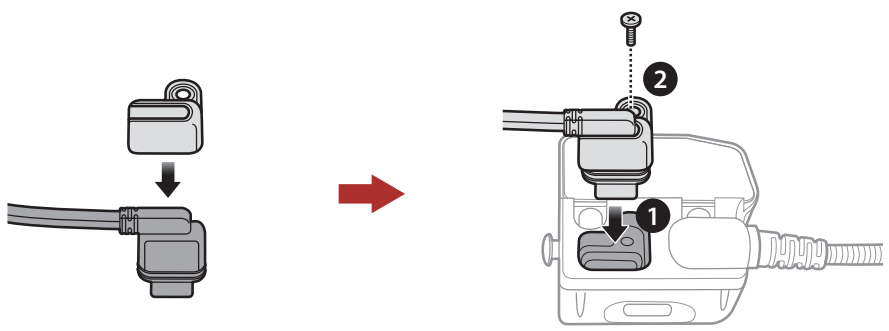
Using the Glued Surface Mounting Adapter

Switching the Microphone

Earbuds

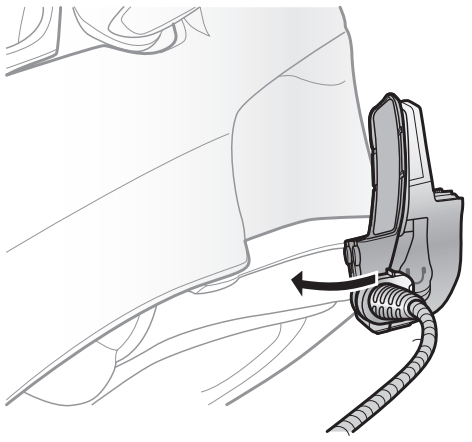
External Mesh Intercom Antenna

5. Reconnect the speaker cable to the speaker port.



6. Locate a proper surface on the helmet to attach the unit then clean the helmet surface location with a moistened towel and allow to dry thoroughly.

7. Peel off the cover of the adhesive tape of the adapter and attach the unit on the proper surface of your helmet.



⚠ Caution: Harley-Davidson recommends using the clamp unit. The glued surface mounting plate is provided for convenience, but is not the recommended mounting method. Harley-Davidson is not responsible for its use.

2. INSTALLING THE HEADSET ON YOUR HELMET

Helmet Installation

Using the Glued Surface Mounting Adapter

Switching the Microphone

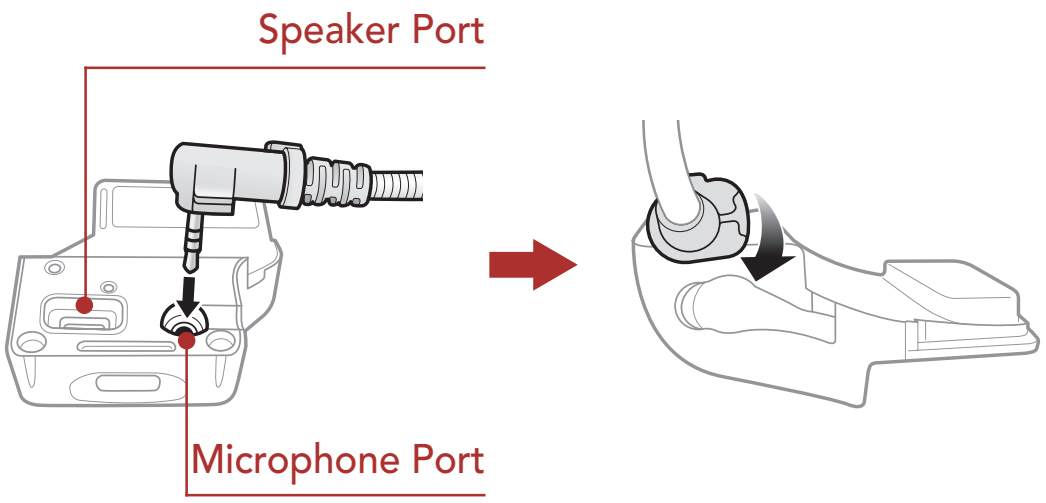
Earbuds

External Mesh Intercom Antenna

2.3 Switching the Microphone

If you want to use a different microphone instead of the static boom microphone, please refer to the following steps.

1. Remove the back plate of the clamp unit.
2. Connect the microphone according to your helmet type.
3. Lock the microphone to the clamp.
4. Reattach the back plate to cover the microphone and the speaker port.



2. INSTALLING THE HEADSET ON YOUR HELMET

Helmet Installation

Using the Glued Surface Mounting Adapter

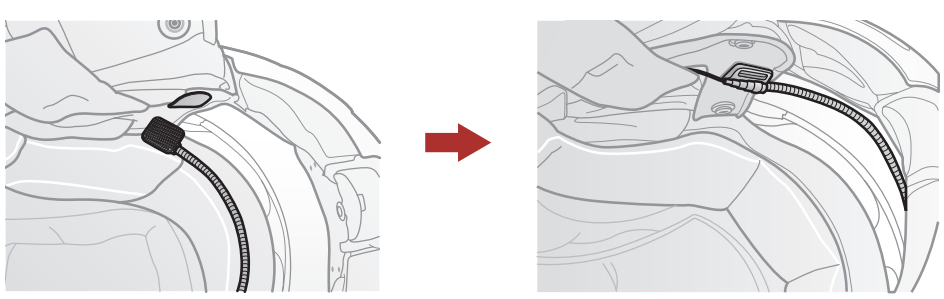
Switching the Microphone

Earbuds

External Mesh Intercom Antenna

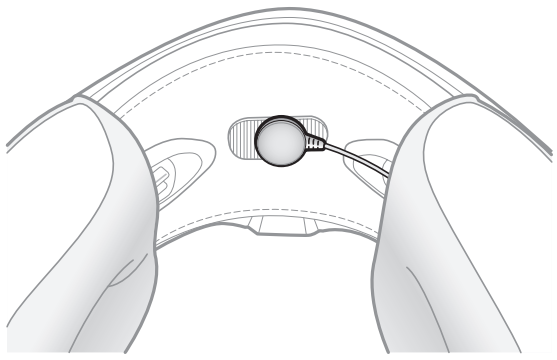
2.3.1 Wired Boom Microphone

When installing the included wired boom microphone, place the hook and loop fastener at the end of the boom microphone between the internal helmet cheek pad and the internal wall of the helmet shell. The boom microphone should be mounted so it is facing close to your mouth when you wear the helmet.



2.3.2 Wired Microphone

In case of the wired microphone, attach the enclosed hook and loop fastener for the wired microphone to the inside of the chin guard for full-face helmets. Place the wired microphone on the hook and loop fastener and connect it to the connector of the clamp unit.



2. INSTALLING THE HEADSET ON YOUR HELMET

Helmet Installation

Using the Glued Surface Mounting Adapter

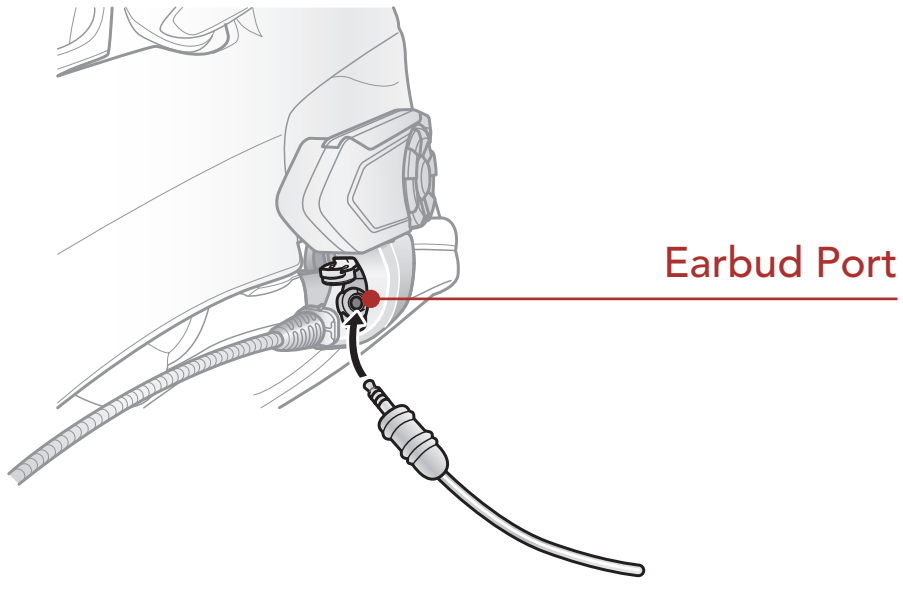
Switching the Microphone

Earbuds

External Mesh Intercom Antenna

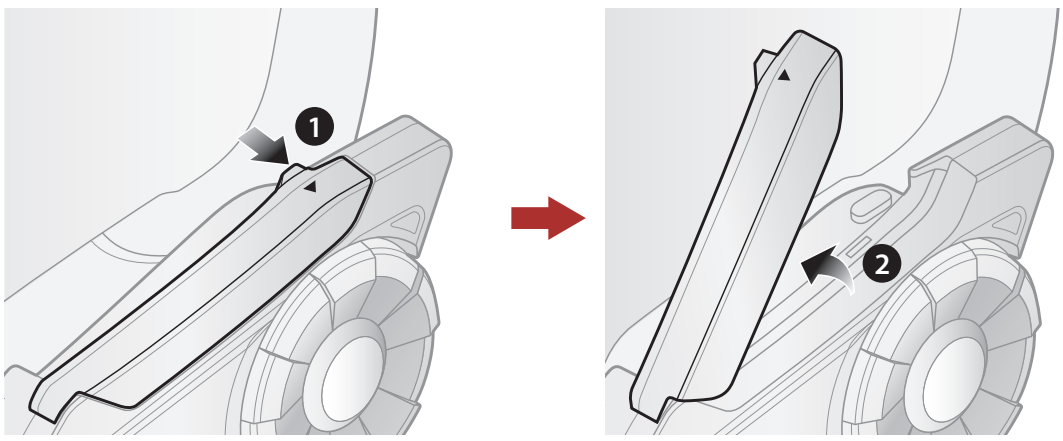
2.4 Earbuds

You can connect your earbuds to the clamp while having the speakers connected to the clamp. The sound of the earbuds will be active while the sound of the outer speakers becomes inactive.



2.5 External Mesh Intercom Antenna

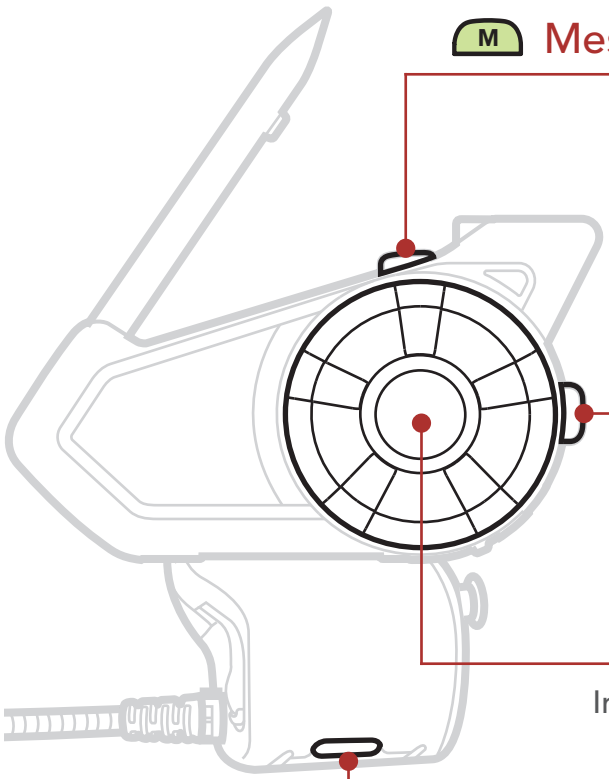
Pull the **Mesh Intercom** Antenna outwards slightly to unfold it.



3. GETTING STARTED

3.1 Button Functions

Button Functions
Powering On and Off
Charging
Checking the Battery Level
Volume Adjustment
Downloadable Software
Configuration Menu



M Mesh Intercom Button

Mesh Intercom On/Off
Create Mesh Intercom
Join Existing Mesh
Accept Participant
Reject Participant

P Phone Button

Answer/End Phone Call
FM Tuner On/Off
Speed Dial

Jog Dial

Increase/Decrease Volume
Play/Pause Music
Track Forward/Back
Scan Radio Stations
Enter Intercom Pairing Mode
Enter Voice Configuration Settings

A Ambient Mode Button

Ambient Mode
Group Intercom
Voice Command

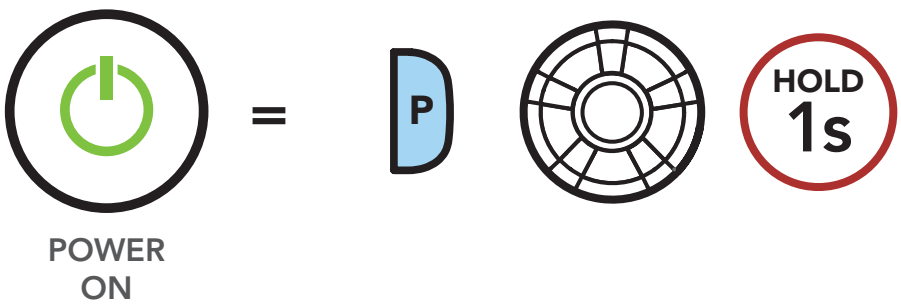
3. GETTING STARTED

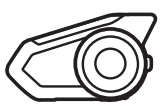
Button Functions
Powering On and Off
Charging
Checking the Battery Level
Volume Adjustment
Downloadable Software
Configuration Menu

3.2 Powering On and Off

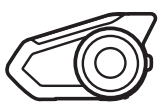
Press and hold the **Jog Dial** and **Phone Button** at the same time to turn the headset on or off.

Powering On



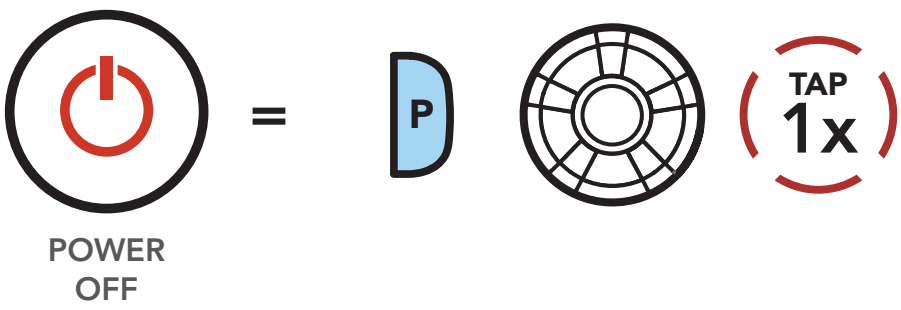


"Preparing headset"



"Hello"

Powering Off



Note: If the Voice Command setting is disabled, the "Hello" voice prompt will be heard instantly after powering on the headset. Please refer to **Section 11: "Voice Command"** for more details.

3. GETTING STARTED

3.3 Charging

Button Functions

Powering On and Off

Charging

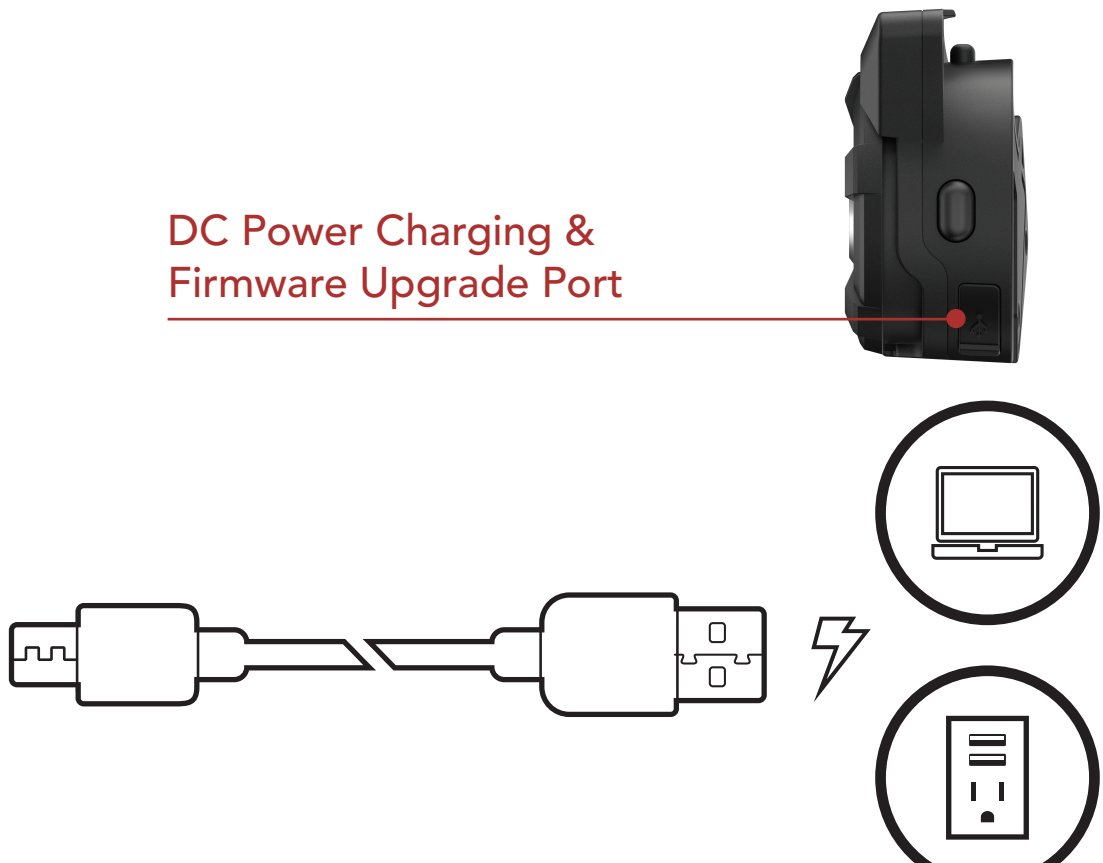
Checking the Battery Level

Volume Adjustment

Downloadable Software

Configuration Menu

Charging the Headset



The headset will be fully charged in about 1.5 hours. (The charging time may vary depending on the charging method.)

Note:

- The headset includes a **Fast Charging** feature which allows it to charge quickly over a short period of time. For example, a user can get 5 hours of talk time after charging the headset for 20 minutes.
- Any 3rd party USB charger can be used with Harley-Davidson products if the charger is approved by either the FCC, CE, IC or other locally approved agencies that Harley-Davidson accepts.

3. GETTING STARTED

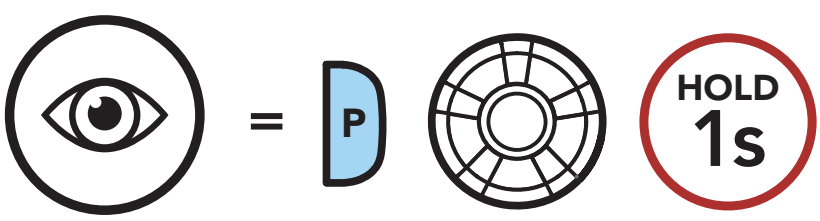
Button Functions
Powering On and Off
Charging
Checking the Battery Level
Volume Adjustment
Downloadable Software
Configuration Menu

3.4 Checking the Battery Level

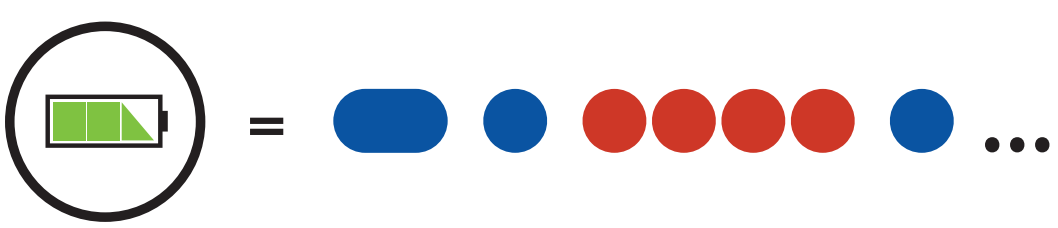
There are two ways to check battery level:

1. Visually, with LEDs when powering on.

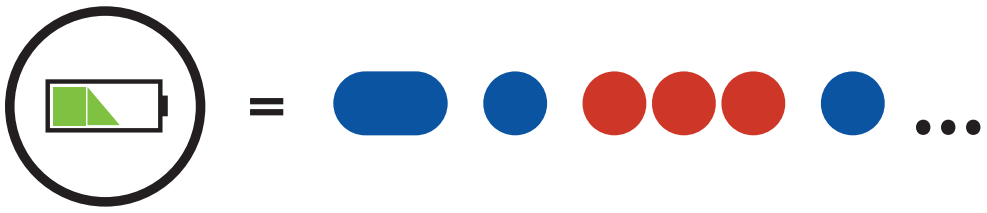
Battery Level - Visual Method



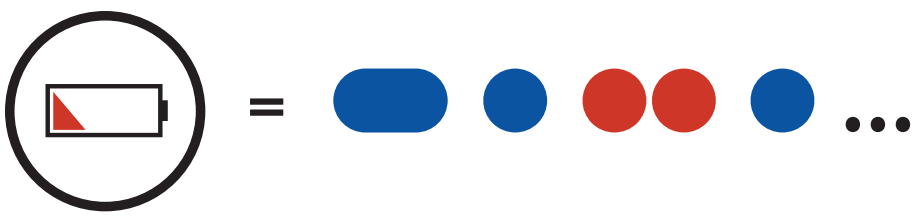
VISUAL METHOD



HIGH



MEDIUM



LOW

3. GETTING STARTED

Button Functions

Powering On and Off

Charging

Checking the Battery Level

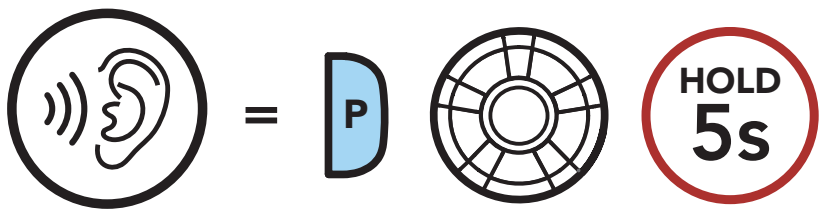
Volume Adjustment

Downloadable Software

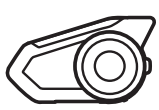
Configuration Menu

2. Audible method: press and hold the **Phone Button** and **Jog Dial** for more than 5 seconds as the headset powers on. A prompt will announce the remaining battery level.

Battery Level - Audible Method



AUDIBLE METHOD



"Battery level high/medium/low"

Note: When the battery is low while in use, you will hear a voice prompt saying **"Low battery"**.

3. GETTING STARTED

Button Functions
Powering On and Off
Charging
Checking the Battery Level
Volume Adjustment
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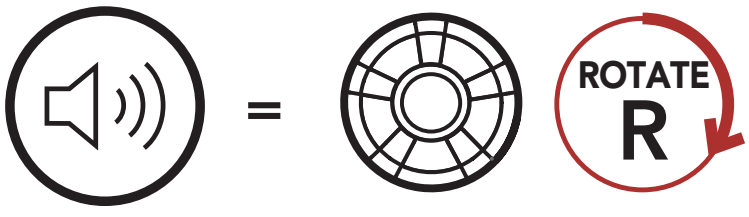
Configuration Menu

3.5 Volume Adjustment

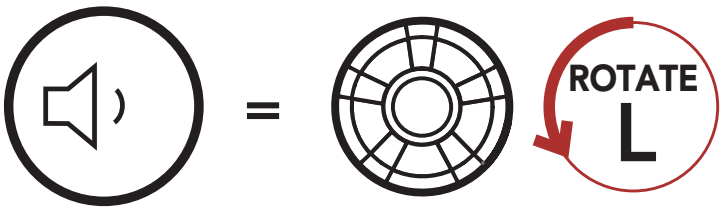
You can raise or lower the volume by rotating the **Jog Dial** clockwise or counterclockwise. Volume is set and maintained independently at different levels for each audio source (i.e., phone, intercom), even when the headset is rebooted.

Volume Up



VOLUME UP

Volume Down



VOLUME DOWN

3. GETTING STARTED

Button Functions

Powering On and Off

Charging

Checking the Battery Level

Volume Adjustment

Downloadable Software

Configuration Menu

3.6 Downloadable Software

3.6.1 Boom Audio Bluetooth Device Manager

The **Boom Audio Bluetooth Device Manager** allows you to upgrade the firmware and configure its settings directly from your PC or Apple computer. Using this software, you can assign speed dial presets, FM radio station presets and more. For more information on downloading the **Boom Audio Bluetooth Device Manager**, please visit **oem.sena.com/harley-davidson**.

Click Here to Visit oem.sena.com/harley-davidson

3.6.2 Sena Smartphone App

The **Sena Smartphone App** allows you to configure the headset settings, as well as access the User's Guide and Quick Start Guides. To do so, pair your mobile phone with your headset (please refer to **Section 4: "Pairing the Headset with Other Bluetooth Devices"** for more details). Run the **Sena Smartphone App** and configure the settings directly from your smartphone. You can download the **Sena Smartphone App** for Android and Apple operating systems from **oem.sena.com/harley-davidson**.

Download on the App Store

GET IT ON Google Play

3. GETTING STARTED

Button Functions

Powering On and Off

Charging

Checking the Battery Level

Volume Adjustment

Downloadable Software

Configuration Menu

Software Configuration Menu

Configuration Setting	Enable/Disable or Execute
Speed Dial	Execute
Intercom-Audio Overlay Sensitivity	Execute
Audio Overlay Volume Management	Enable/Disable
Audio Boost	Enable/Disable
Smart Volume Control	Enable/Disable
VOX Phone	Enable/Disable
VOX Intercom	Enable/Disable
HD Intercom	Enable/Disable
Intercom VOX Sensitivity	Execute
Guest Mode	Enable/Disable
Voice Prompt	Enable/Disable
Voice Command	Enable/Disable
RDS AF Setting	Enable/Disable
FM Station Guide	Enable/Disable
Sidetone	Enable/Disable
Advanced Noise Control	Enable/Disable

3. GETTING STARTED

Button Functions

Powering On and Off

Charging

Checking the Battery Level

Volume Adjustment

Downloadable Software

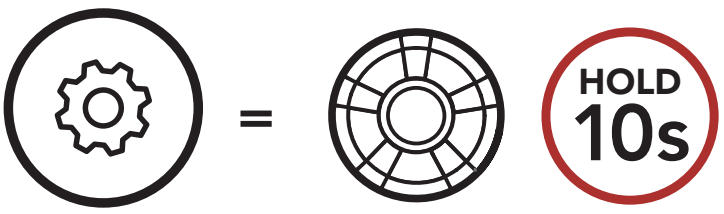
Configuration Menu

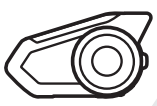
3.7 Configuration Menu

The headset can be configured by following a series of voice prompts. Further details about each of these settings will be explained on the following pages.

1. To access the **Configuration Menu**, press and hold the **Jog Dial** for **10 seconds** until you hear the voice prompt, **"Configuration menu."**

Accessing the Configuration Menu





"Configuration menu"

3. GETTING STARTED

Button Functions

Powering On and Off

Charging

Checking the Battery Level

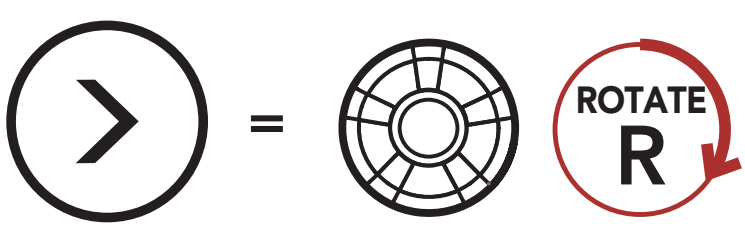
Volume Adjustment

Downloadable Software

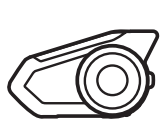
Configuration Menu

2. Rotate the **Jog Dial** clockwise or counterclockwise to navigate between the menus. You will hear voice prompts for each menu item. The list of functions is shown in the **"Headset Configuration Menu"** on page 33.

Navigating Forward through the Menu

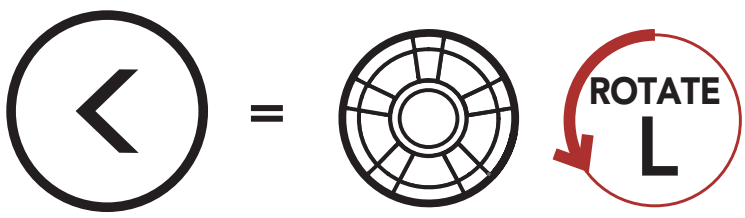


NAVIGATE FORWARD

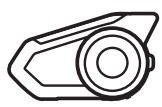


"[Menu prompt]"

Navigating Backward through the Menu



NAVIGATE BACKWARD



"[Menu prompt]"

3. GETTING STARTED

Button Functions

Powering On and Off

Charging

Checking the Battery Level

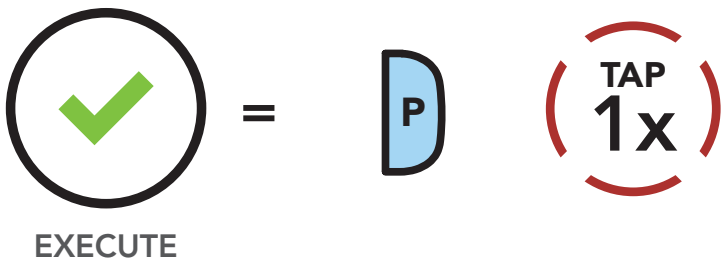
Volume Adjustment

Downloadable Software

Configuration Menu

3. You can enable the feature or execute the command by tapping the **Phone Button**.

Execute Menu Options



Headset Configuration Menu

Rotate the Jog Dial clockwise or counterclockwise	Tap the Phone Button
Delete All Pairings	Execute
Remote Control Pairing	Execute
Universal Intercom Pairing	Execute
Exit Configuration	Execute

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Pairing with the H-D WHIM Wireless Headset Interface Module

Additional Mobile Phones, MP3 Player

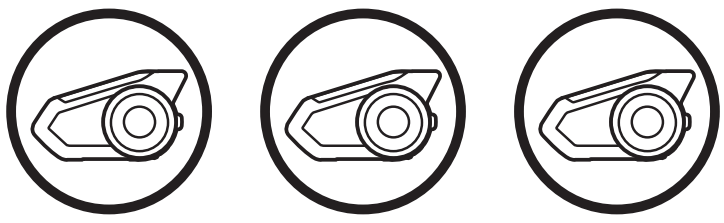
Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

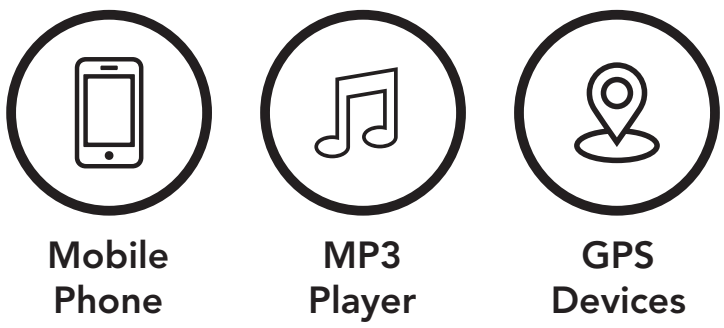
When using the headset with other Bluetooth devices for the first time, they'll need to be "paired." This enables them to recognize and communicate with one another whenever they're within range.

The headset can pair with multiple Bluetooth devices such as a mobile phone, GPS or MP3 player via **Mobile Phone Pairing, Second Mobile Phone Pairing and GPS Pairing**. The headset can also be paired with up to three other Boom! Audio headsets.

Pairs with up to three Boom! Audio Headsets



Also pairs with:



Note: Bluetooth Specifications: Bluetooth 2.4 GHz ~ 2.48 GHz / max output power 0.097mW

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

MENU

Mobile Phone

Pairing with the H-D WHIM Wireless Headset Interface Module

Additional Mobile Phones, MP3 Player

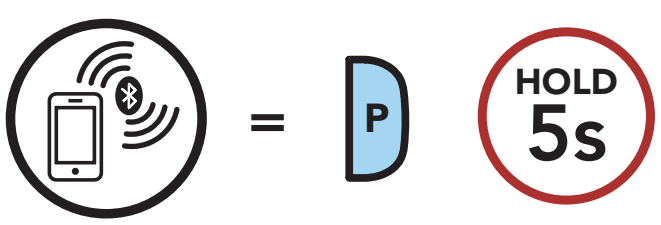
Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

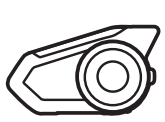
4.1 Mobile Phone

1. Execute **Phone Pairing** by holding down the **Phone Button** for **5 seconds**.

Mobile Phone Pairing



START PHONE PAIRING

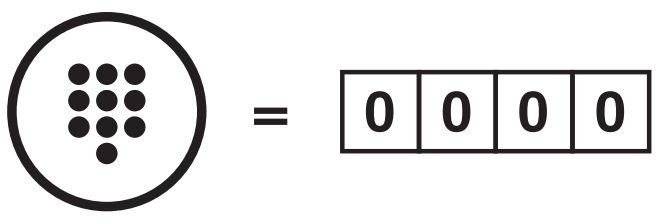


"Phone pairing"

LED STATUS

Alternating blue and red flashing lights indicate **device is now discoverable.**

2. With your mobile phone in Bluetooth-pairing mode, select the headset in the list of devices detected.
3. If your mobile phone asks for a PIN, enter 0000.



PIN NUMBER

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Pairing with the H-D WHIM Wireless Headset Interface Module

Additional Mobile Phones, MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

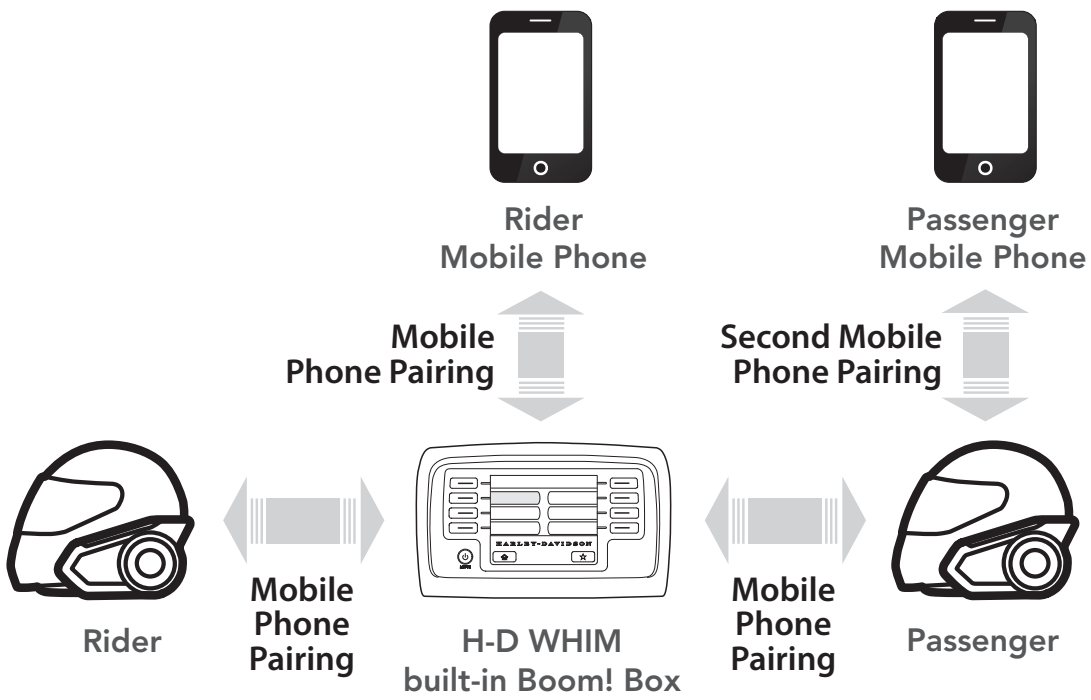
4.2 Pairing with the H-D WHIM Wireless Headset Interface Module

The H-D WHIM built-in Boom! Box is a Wireless Headset Interface for group communication. You can pair the headset with an H-D WHIM built-in Boom! Box by mobile phone pairing.

1. Press and hold the **Phone Button** for **5 seconds** and you will hear the voice prompt, **"Phone pairing"**.
2. Turn on the Boom! Box system and follow the **"Wireless Headset Setup"** procedure to complete the process. Please refer to the Boom! Box Owner's Manual for details.
3. When the pairing is completed, you will hear the voice prompt, **"Your headset is paired"**.
4. If the pairing process is not completed within three minutes, the headset will return to stand-by mode.

The H-D WHIM built-in Boom! Box can be connected to the rider and the passenger's headset. Also, the H-D WHIM built-in Boom! Box can be connected to the rider's mobile phone. The rider's headset should be paired first followed by the passenger's. Please refer to the Boom! Box Owner's Manual for details. You can listen to music, answer a mobile call, and have an intercom conversation via the H-D WHIM built-in Boom! Box for group communication as shown in the figure.

Parallel Connection of H-D WHIM built-in Boom! Box and Mobile Phone by Mobile Phone Pairing



4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Pairing with the H-D WHIM Wireless Headset Interface Module

Additional Mobile Phones, MP3 Player

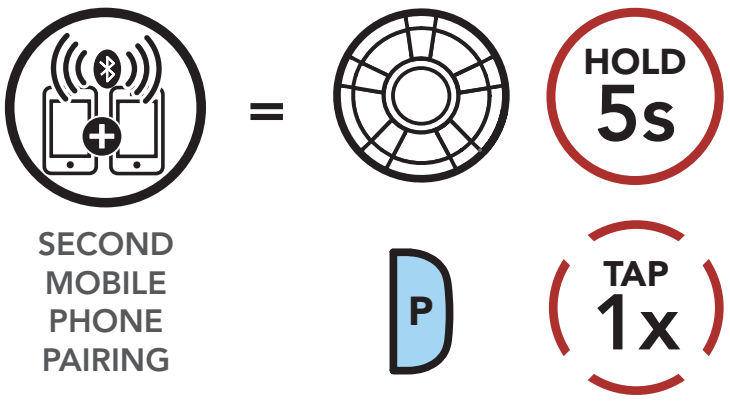
Advanced Selective Pairing: Hands-Free or A2DP Stereo

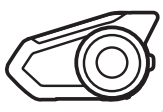
GPS Pairing

4.3 Additional Mobile Phones, MP3 Player

1. Execute **Second Mobile Phone Pairing** by holding down the **Jog Dial** for **5 seconds**. Tap the **Phone Button** once within **2 seconds**.

Second Mobile Phone Pairing

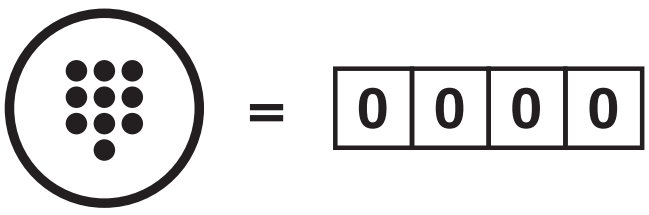




"Second mobile phone pairing"

Blue flashing lights indicates **device is now discoverable.**

2. With your mobile phone in Bluetooth-pairing mode, select the headset in the list of devices detected.
3. If your mobile phone asks for a PIN, enter 0000.



4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Pairing with the H-D WHIM Wireless Headset Interface Module

Additional Mobile Phones, MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

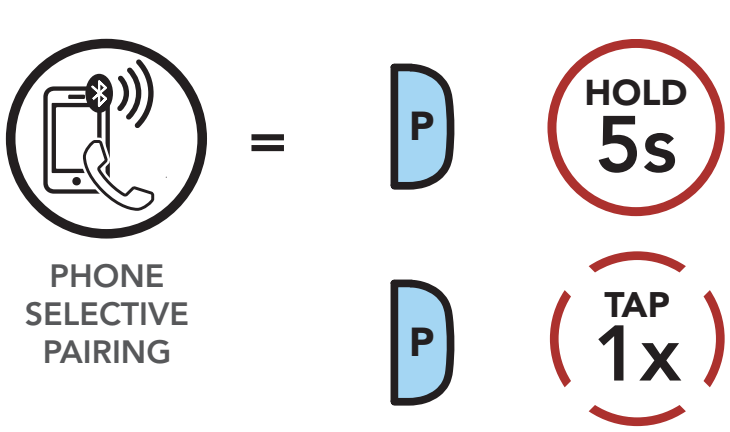
4.4 Advanced Selective Pairing: Hands-Free or A2DP Stereo

Phone Pairing allows the headset to establish two Bluetooth profiles: **Hands-Free** or **A2DP Stereo**. **Advanced Selective Pairing** allows the headset to separate the profiles to enable connection with two devices.

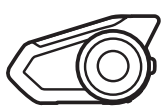
4.4.1 Phone Selective Pairing - Hands-Free Profile

1. Execute **Phone Selective Pairing** by holding down the **Phone Button** for **5 seconds**. Tap the **Phone Button** once within **2 seconds**.

Phone Selective Pairing



PHONE SELECTIVE PAIRING



"Phone selective pairing"

LED STATUS

= Blue flashing lights indicates **device is now discoverable.**

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

MENU

Mobile Phone

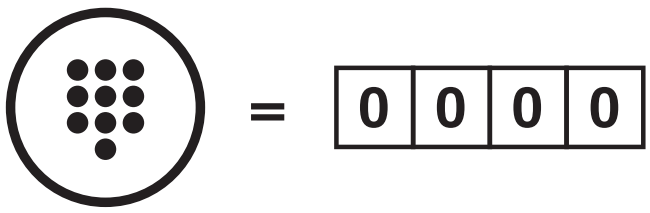
Pairing with the H-D WHIM Wireless Headset Interface Module

Additional Mobile Phones, MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

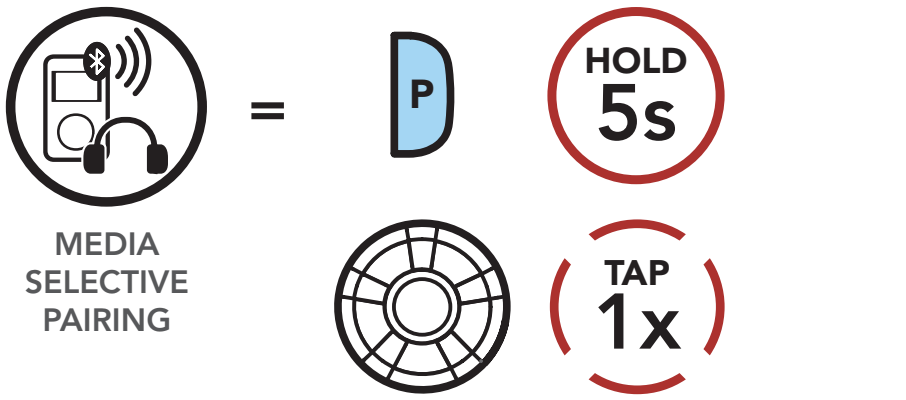
2. With your mobile phone in Bluetooth-pairing mode, select the headset in the list of devices detected.
3. If your mobile phone asks for a PIN, enter 0000.

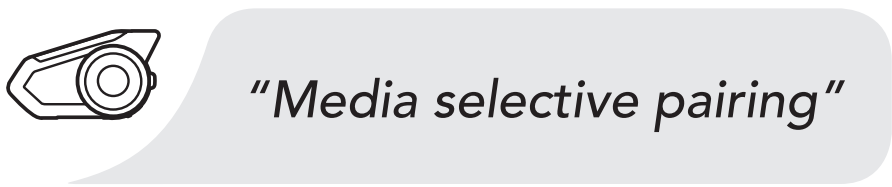


4.4.2 Media Selective Pairing - A2DP Profile

1. Execute **Media Selective Pairing** by holding down the **Phone Button** for **5 seconds**. Tap the **Jog Dial** once within **2 seconds**.

Media Selective Pairing





4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

MENU

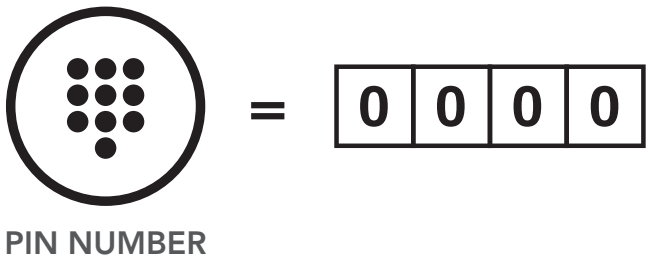
Mobile Phone

Pairing with the H-D WHIM Wireless Headset Interface Module

Additional Mobile Phones, MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

2. With your mobile phone in Bluetooth-pairing mode, select the headset in the list of devices detected.
3. If your mobile phone asks for a PIN, enter 0000.



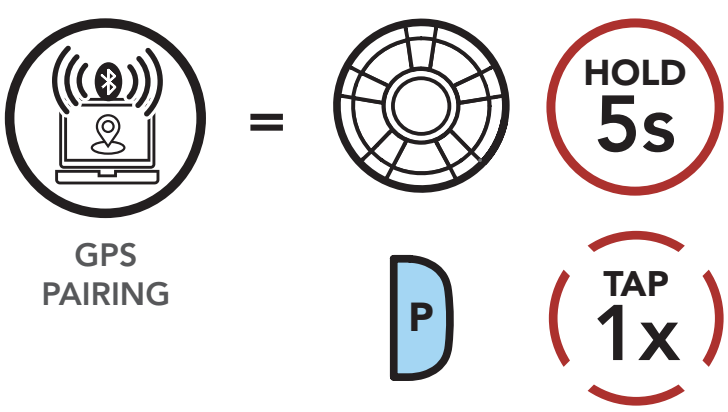
GPS Pairing

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

4.5 GPS Pairing

1. Execute **GPS Pairing** by holding down the **Jog Dial** for **5 seconds**. Within **2 seconds**, tap the **Phone Button** once to hear the voice prompt, **"Second mobile phone pairing"**. Again within **2 seconds**, tap the **Phone Button** to hear the voice prompt, **"GPS pairing"**.

GPS Pairing



Green flashing lights indicates **device is now discoverable.**

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

MENU

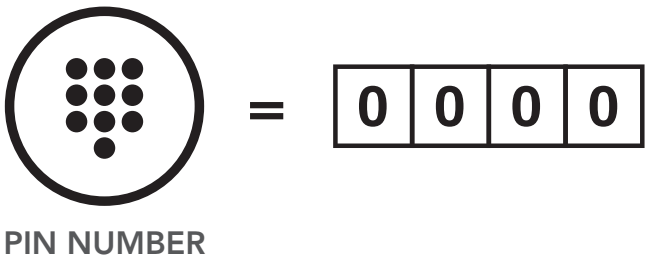
Mobile Phone

Pairing with the H-D WHIM Wireless Headset Interface Module

Additional Mobile Phones, MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

2. With your Bluetooth device on the GPS navigation screen, select the headset in the list of devices detected.
3. If your Bluetooth device asks for a PIN, enter 0000.



Note: If you pair your GPS device via GPS Pairing, its instruction will not interrupt your Mesh Intercom conversations, but overlay with them. Bluetooth intercom conversations will be interrupted by GPS instructions.

GPS Pairing

5. MOBILE PHONE USAGE

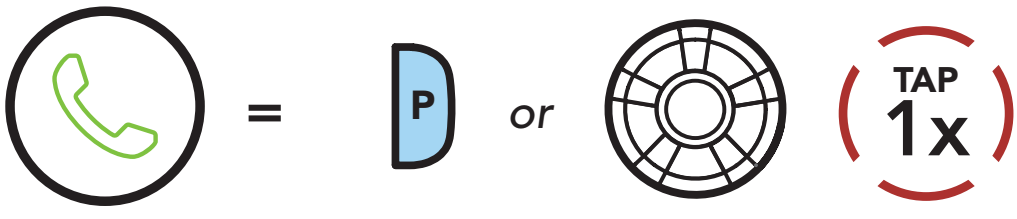
5.1 Making and Answering Calls

Making and Answering Calls

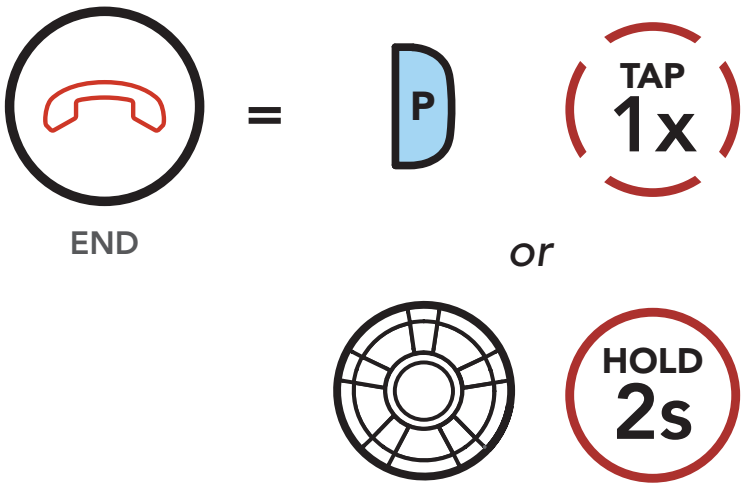
Speed Dialing

VOX Phone

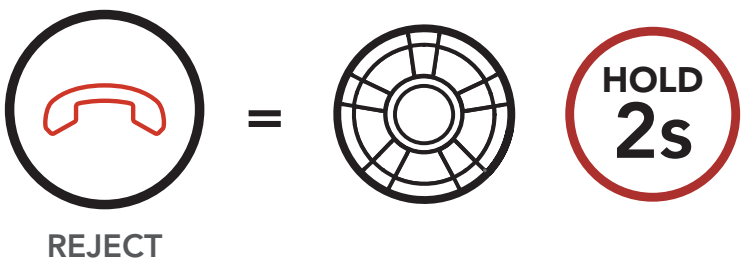
Answer a Call



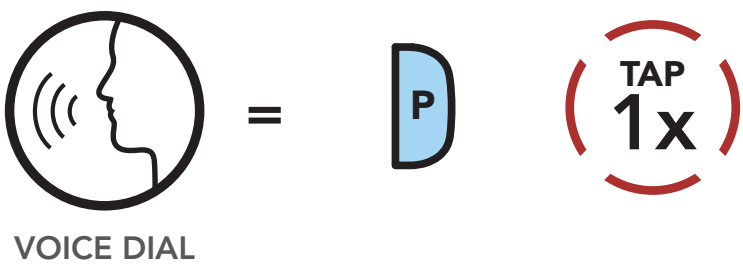
End a Call



Reject a Call



Make a Call with Voice Dialer



Note: If you have a GPS device connected, you will not hear its voice navigations during a phone call.

5. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing

VOX Phone

5.2 Speed Dialing

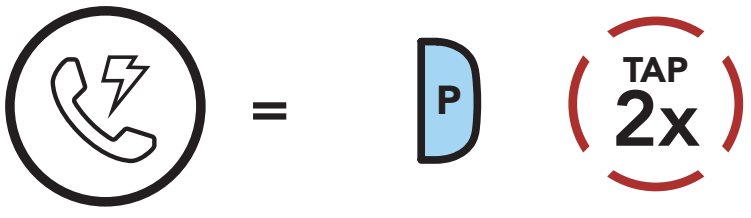
5.2.1 Assigning Speed Dial Presets

Speed Dial Presets could be assigned in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

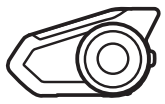
5.2.2 Using Speed Dial Presets

1. Tap the **Phone Button** twice to enter into the **Speed Dial** menu. You will hear the voice prompt, **"Speed dial."**

Enter Speed Dial Mode



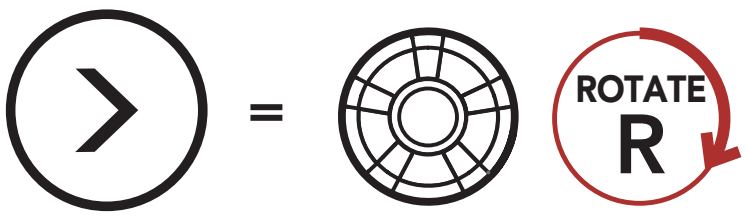
SPEED DIAL



"Speed dial"

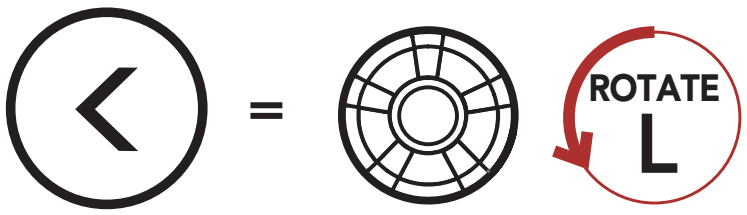
2. Rotate the **Jog Dial** clockwise or counterclockwise to navigate between the **Speed Dial Presets**.

Navigate Forward through Speed Dial Preset Numbers



NAVIGATE FORWARD

Navigate Backward through Speed Dial Preset Numbers



NAVIGATE BACKWARD

5. MOBILE PHONE USAGE

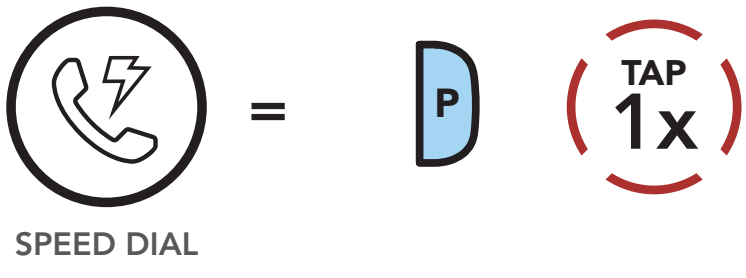
Making and Answering Calls

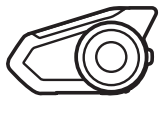
Speed Dialing

VOX Phone

3. To call one of your **Speed Dial Presets**, tap the **Phone Button** when you hear the prompt, **"Speed dial (#)."**

Call a Speed Dial Preset Number

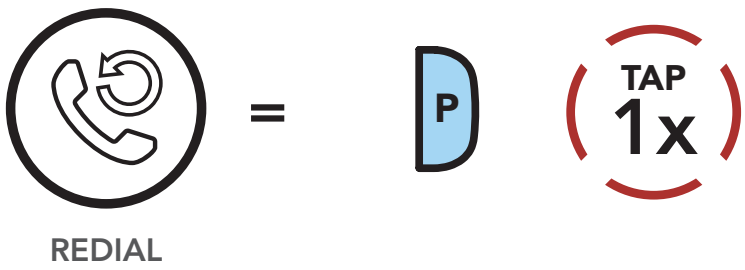


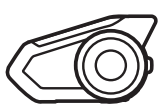


"Speed dial #"

4. To redial the last number called, tap the **Phone Button** when you hear the prompt, **"Last number redial."**

Redial Last Number





"Last number redial"

5. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing

VOX Phone

5.3 VOX Phone (Default: Enable)

An **VOX Phone** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

With **VOX Phone** enabled, you can answer incoming calls by simply saying a word loudly enough, unless you are connected to intercom. For example, when you hear a series of beeps for an incoming call, you can answer the phone by saying **"Hello"** or any other word loudly. If this mode is disabled, you have to tap the **Jog Dial** or the **Phone Button** to answer an incoming call.

6. STEREO MUSIC

6.1 Playing Music with Bluetooth Devices

Playing Music with Bluetooth Devices

Playing Music with non-Bluetooth Devices

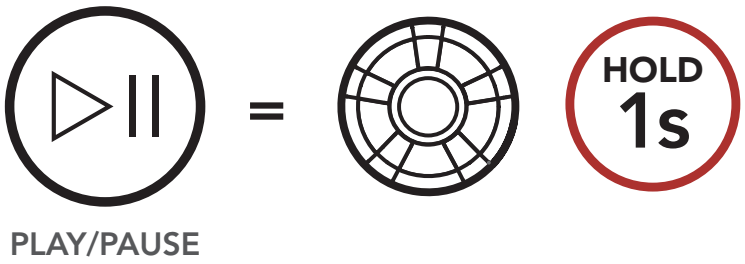
Music Sharing

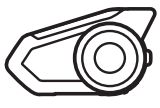
Audio Boost

Smart Volume Control

1. To play or pause music, press and hold the **Jog Dial** for **1 second** until you hear a double beep.

Play/Pause

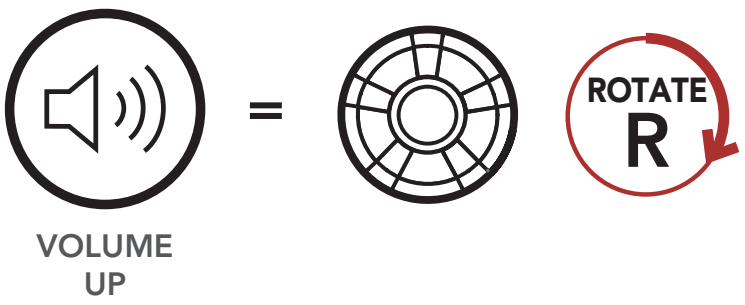




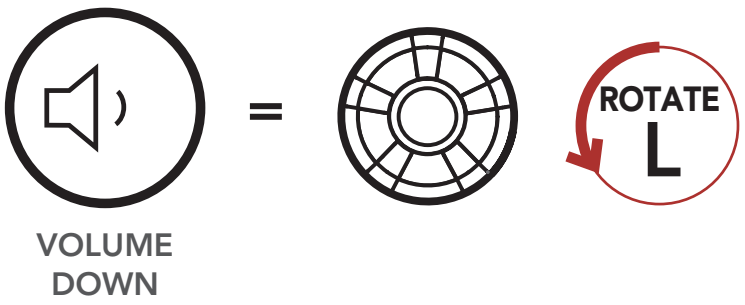
"[Beep, Beep]"

2. To adjust the volume, rotate the **Jog Dial** clockwise or counterclockwise.

Volume Up



Volume Down



6. STEREO MUSIC

Playing Music with Bluetooth Devices

Playing Music with non-Bluetooth Devices

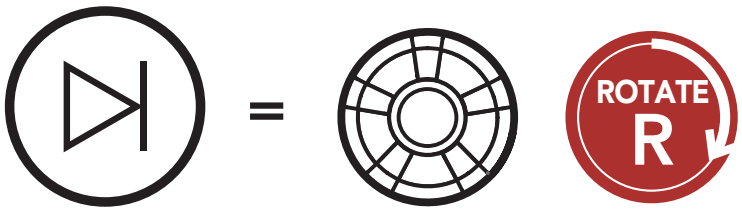
Music Sharing

Audio Boost

Smart Volume Control

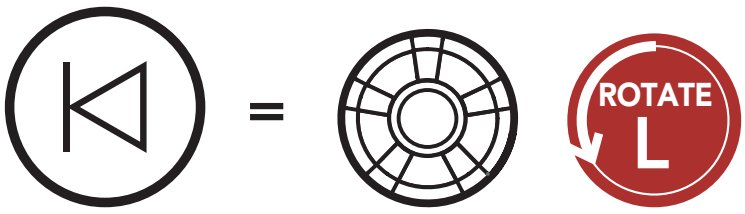
3. To track forward or back, rotate while pressing the **Jog Dial** clockwise or counterclockwise.

Track Forward



SKIP TRACK FORWARD

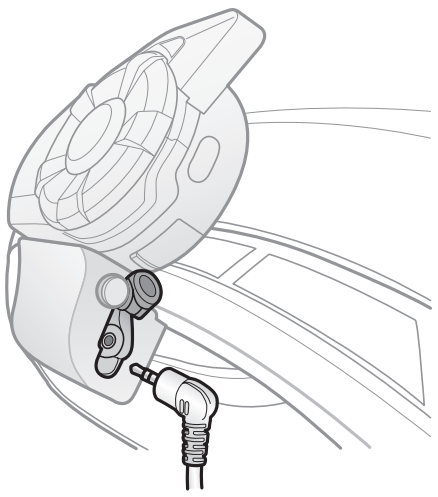
Track Backward



SKIP TRACK BACKWARD

6.2 Playing Music with non-Bluetooth Devices

You can play music that is stored on non-Bluetooth devices such as MP3 players. To connect your device to the headset, plug the enclosed 2.5 to 3.5 mm audio cable into the AUX ports, both on the headset and on your device.



6. STEREO MUSIC

Playing Music with Bluetooth Devices

Playing Music with non-Bluetooth Devices

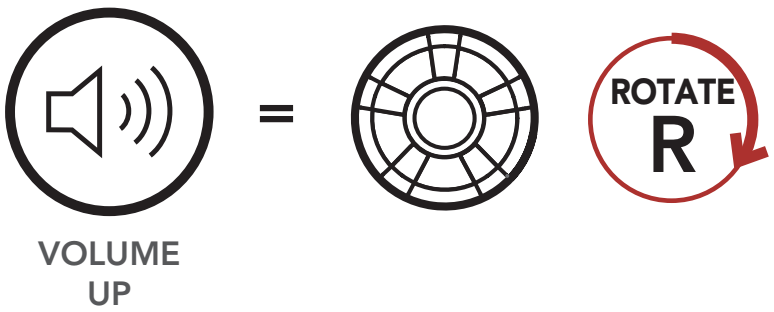
Music Sharing

Audio Boost

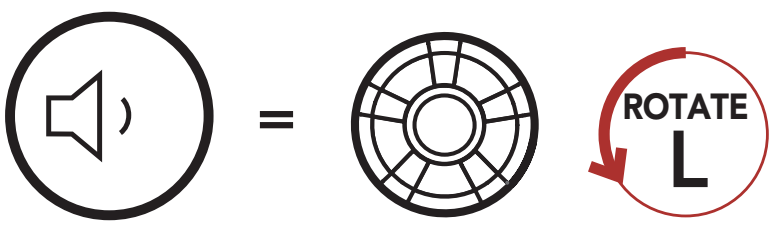
Smart Volume Control

To adjust the volume, rotate the **Jog Dial** clockwise or counterclockwise. You can also adjust the volume directly on the connected device.

Volume Up



Volume Down



6.3 Music Sharing

You can start sharing music with one intercom friend using Bluetooth stereo music during a two-way intercom conversation and one participant of a Mesh. Both you and your intercom friend can remotely control music playback such as track forward and track back. If you start sharing music while Bluetooth intercom and Mesh Intercom are running at the same time, then music shared during Bluetooth intercom will take priority over music shared during Mesh Intercom. The Creator will send a request message to a headset connected during Mesh Intercom and will share music with the first participant that accepts the request.

6. STEREO MUSIC

Playing Music with Bluetooth Devices

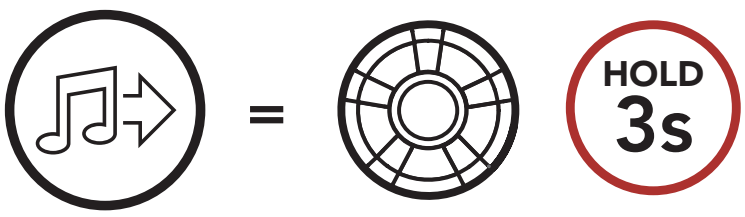
Playing Music with non-Bluetooth Devices

Music Sharing

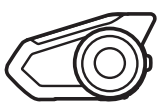
Audio Boost

Smart Volume Control

Bluetooth Intercom Music Sharing

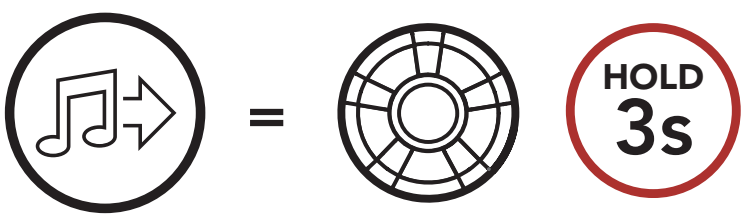


SHARE MUSIC

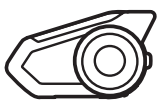


"Music sharing on"

Mesh Intercom Music Sharing [Creator]

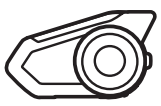


SHARE MUSIC

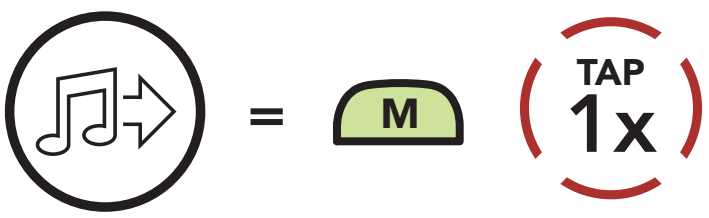


"Music sharing on"

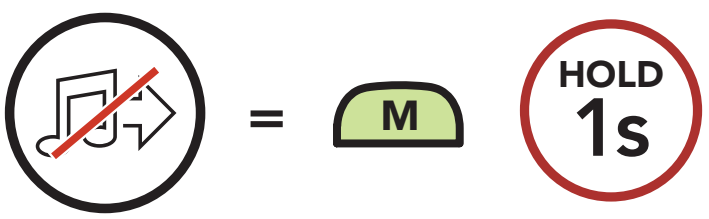
[Participant]



"Would you like to accept music sharing?"



ACCEPT



REJECT

6. STEREO MUSIC

Playing Music with Bluetooth Devices

Playing Music with non-Bluetooth Devices

Music Sharing

Audio Boost

Smart Volume Control

6.4 Audio Boost (Default: Disable)

An **Audio Boost** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

Enabling **Audio Boost** increases the maximum volume limit. Disabling **Audio Boost** reduces the maximum volume limit while delivering more balanced sound.

6.5 Smart Volume Control (Default: Disable)

A **Smart Volume Control** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

Enabling **Smart Volume Control** automatically changes the level of the speaker volume based on the level of the environment noise. You can enable it by setting the sensitivity to low, medium or high.

7. BLUETOOTH INTERCOM SETUP

Intercom Pairing
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Three-Way Conference Phone Call with Intercom Users
Group Intercom
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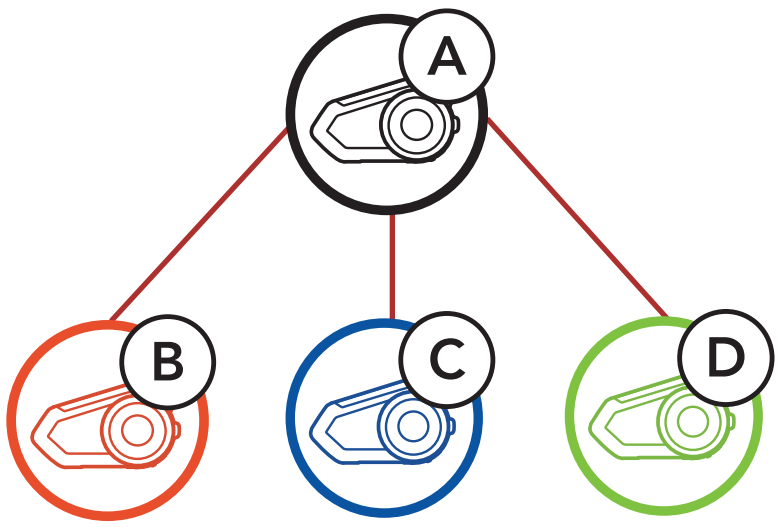
VOX Intercom
Intercom VOX Sensitivity
HD Intercom
Advanced Noise Control™

7.1 Intercom Pairing

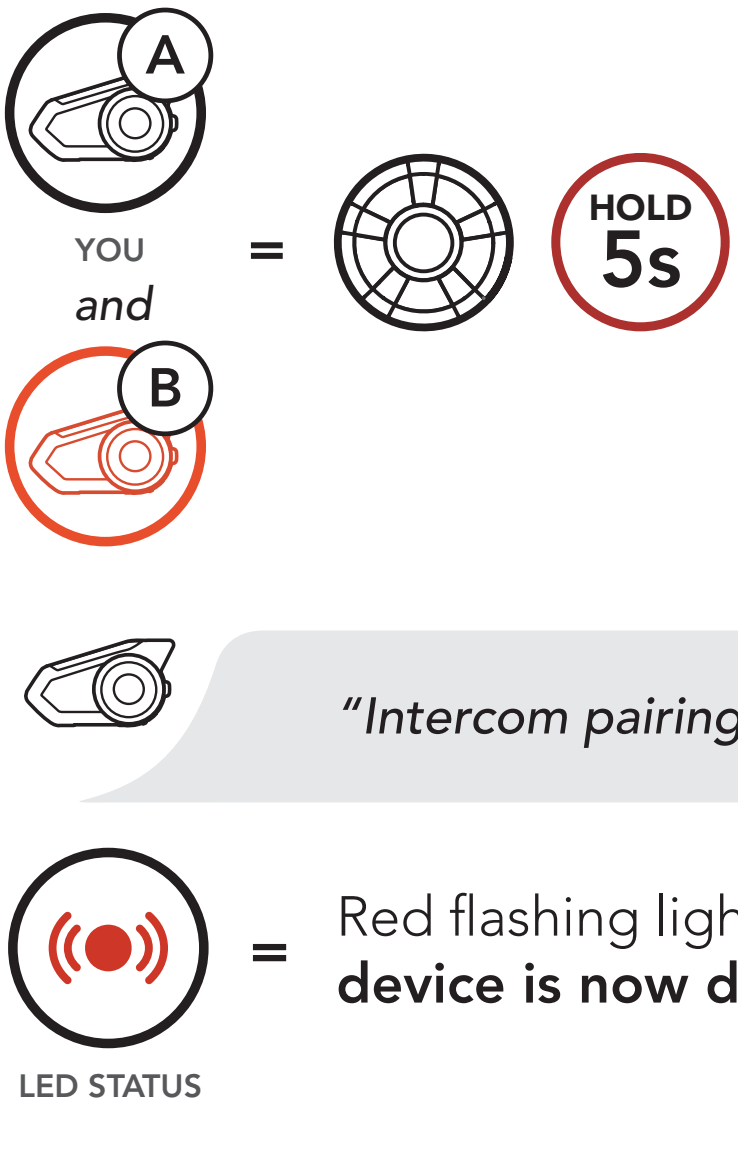
Up to three people can communicate via intercom with the headset simply by pairing their headsets.

Pairing with Intercom Friends



1. Press and hold the **Jog Dials** of two headsets for **5 seconds** until you hear the voice prompt, "**Intercom pairing**".

Pairing Headset A with Headset B



Red flashing lights indicate **device is now discoverable.**

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Two-Way Intercom

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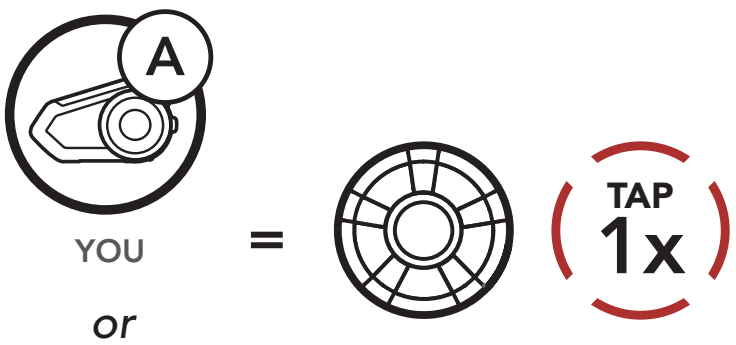
HD Intercom

Advanced Noise Control™

2. Tap the **Jog Dial** on either headset and wait until the LEDs of both turn blue.



Flashing blue LED confirms **intercoms are paired.**

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Two-Way Intercom

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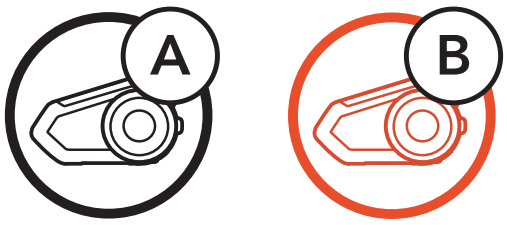
HD Intercom

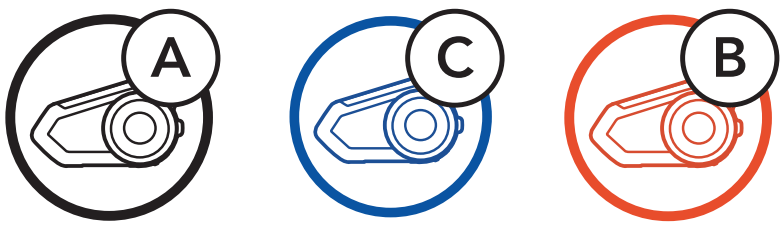
Advanced Noise Control™

3. Repeat steps 1 and 2 to pair with **Intercom Friends** C & D.

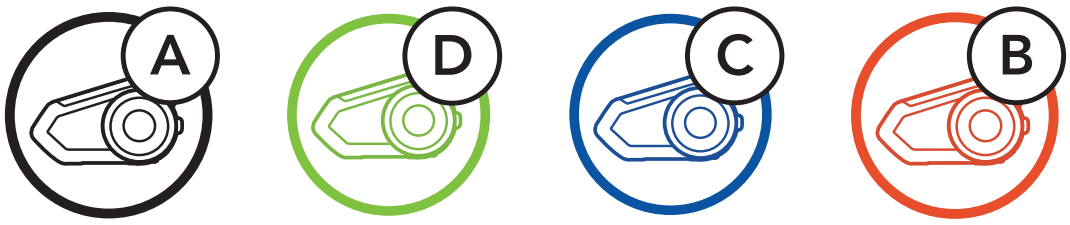
Last-Come, First-Served



YOU — Intercom Friend 1



YOU — Intercom Friend 1 — Intercom Friend 2



YOU — Intercom Friend 1 — Intercom Friend 2 — Intercom Friend 3

7. BLUETOOTH INTERCOM SETUP

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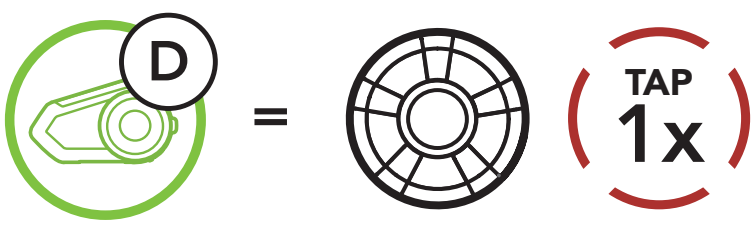
7.2 Two-Way Intercom

You can start or end an intercom conversation with an Intercom Friend by tapping the **Jog Dial**.

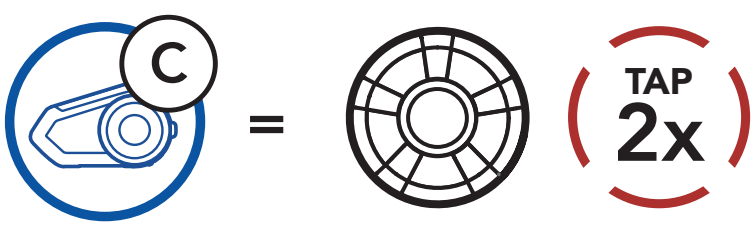
1. Tap once for Intercom **Friend 1.**

Start/End with Intercom Friend 1



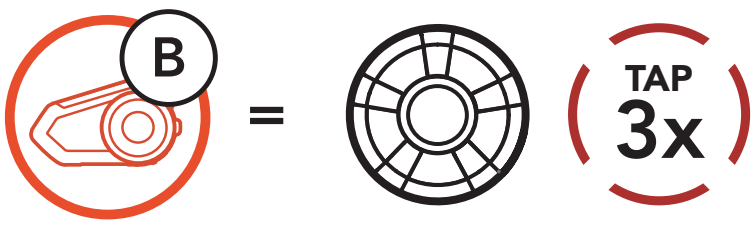
2. Tap twice for Intercom **Friend 2.**

Start/End with Intercom Friend 2



3. Tap three times for Intercom **Friend 3.**

Start/End with Intercom Friend 3



7. BLUETOOTH INTERCOM SETUP

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VOX Intercom
Intercom VOX Sensitivity
HD Intercom
Advanced Noise Control™

7.3 Multi-Way Intercom

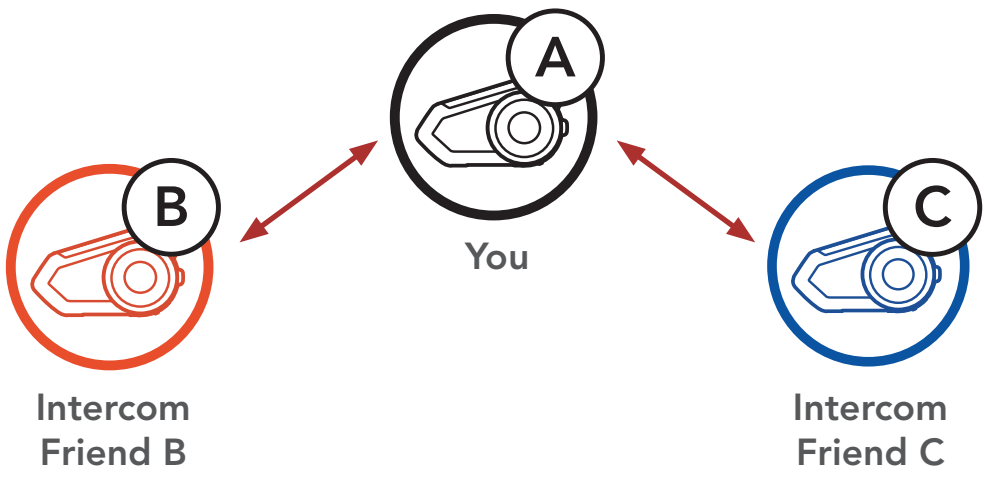
Multi-Way Intercom enables conference-call-style conversations with up to three **Intercom Friends** at the same time. While **Multi-Way Intercom** is in progress, mobile phone connection is temporarily disconnected. However, as soon as **Multi-Way Intercom** terminates, the mobile phone connection will be reestablished.

7.3.1 Starting a Three-Way Intercom Conference

You (A) can have a **Three-Way Intercom Conference** with two other **Intercom Friends (B & C)** by establishing two intercom connections simultaneously.

1. Pair your headset (A) with those of two other **Intercom Friends (B & C)**. Please refer to **Section 7.1: "Intercom Pairing"** for pairing instructions.

Pair with Intercom Friends B & C



7. BLUETOOTH INTERCOM SETUP

Intercom Pairing

Two-Way Intercom

Multi-Way Intercom

Three-Way Conference Phone Call with Intercom Users

Group Intercom

Universal Intercom

VOX Intercom

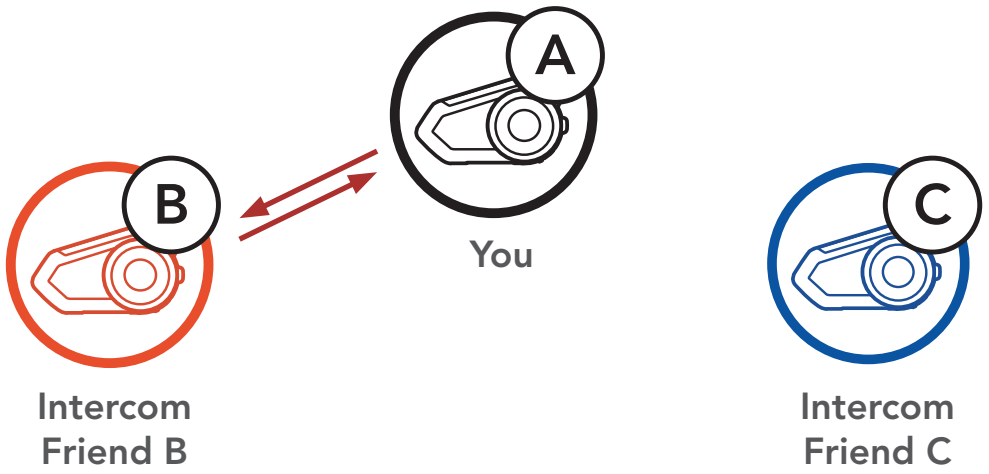
Intercom VOX Sensitivity

HD Intercom

Advanced Noise Control™

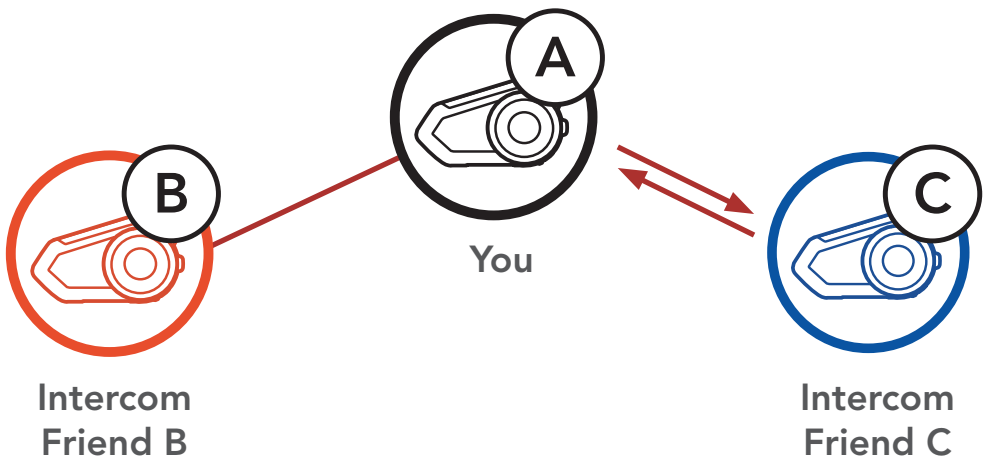
2. Start an intercom conversation with one of the two friends in your intercom group. For example, **you (A)** may start an intercom conversation with the **Intercom Friend (B)**. Or, **Intercom Friend (B)** may start an intercom call with **you (A)**.

Starting an Intercom Conversation with Intercom Friend B



3. Then, **you (A)** can call the second **Intercom Friend (C)**, or the second **Intercom Friend (C)** may join the intercom by making an intercom call to **you (A)**.

Starting an Intercom Conversation with Intercom Friend C



7. BLUETOOTH INTERCOM SETUP

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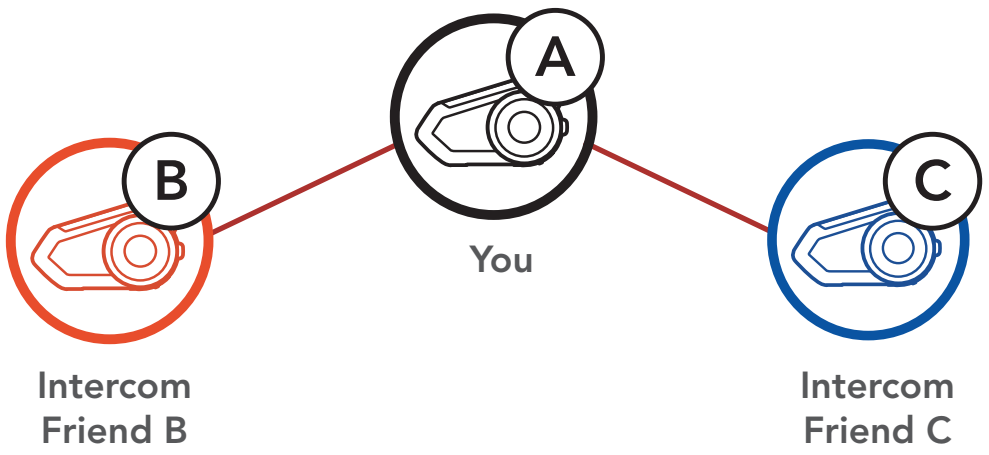
4. Now **you (A)** and two **Intercom Friends (B & C)** are having a **Three-Way Intercom Conference**.

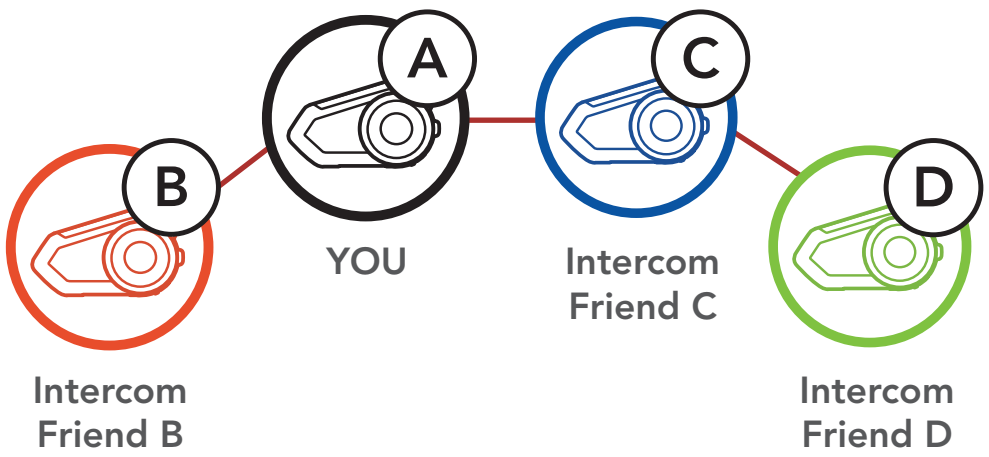
Three-Way Intercom



7.3.2 Starting a Four-Way Intercom Conference

With three **Intercom Friends** connected, a new participant **(D)** can make it a **Four-Way Intercom Conference** by making an intercom call to either **(B)** or **(C)**.

Starting a Four-Way Intercom



7. BLUETOOTH INTERCOM SETUP

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HD Intercom
Advanced Noise Control™

7.3.3 Ending Multi-Way Intercom

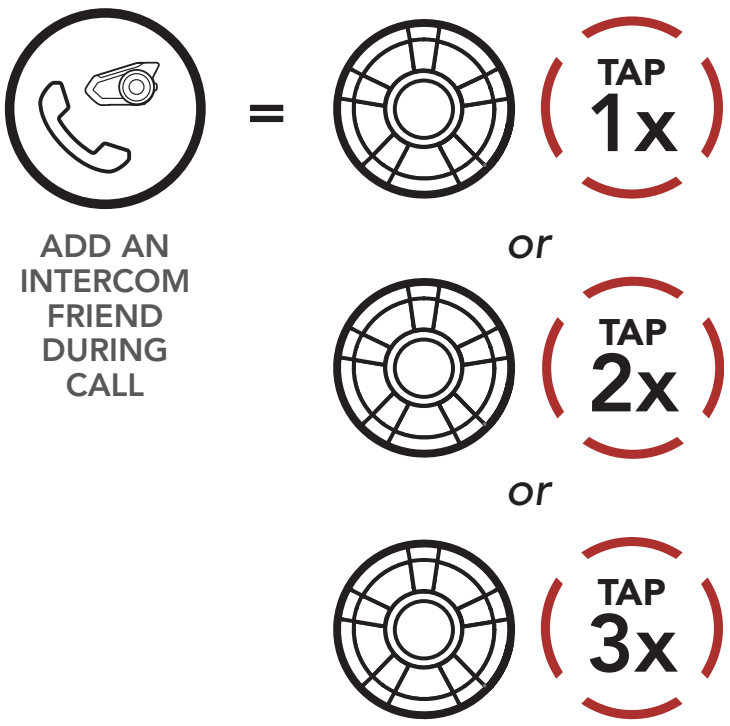
1. Press the **Jog Dial** for **1 second** until you hear a beep to terminate all intercom connections.
2. Tap the **Jog Dial** to disconnect from your first **Intercom Friend**. Double tap the **Jog Dial** to disconnect from your second **Intercom Friend**.

7.4 Three-Way Conference Phone Call with Intercom Users

You can have a **Three-Way Conference Phone Call** by adding an **Intercom Friend** to the mobile phone conversation.

1. During a mobile phone call, tap the **Jog Dial once, twice or, three times** to invite one of your **Intercom Friends** to the conversation.

Invite an Intercom Friend into Phone Conference



7. BLUETOOTH INTERCOM SETUP

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Intercom VOX Sensitivity
HD Intercom
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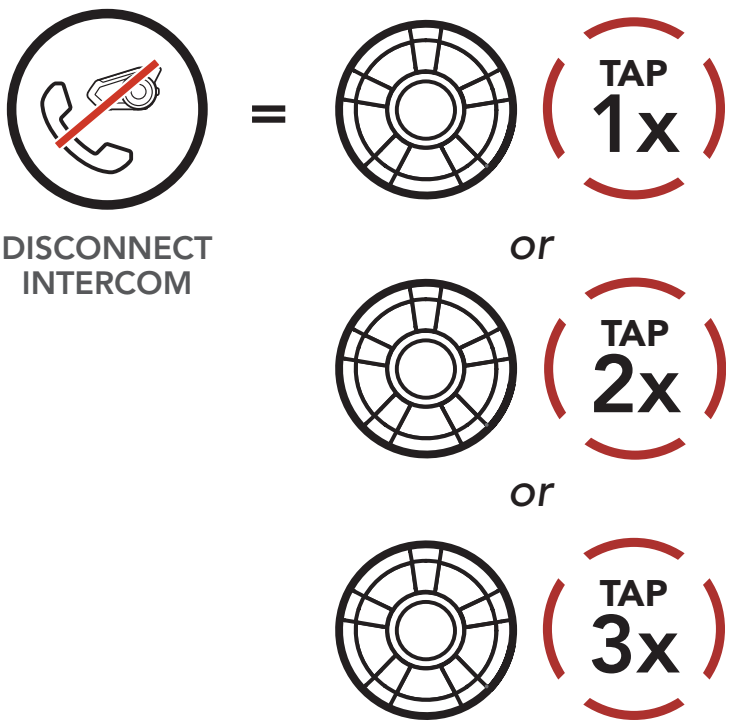
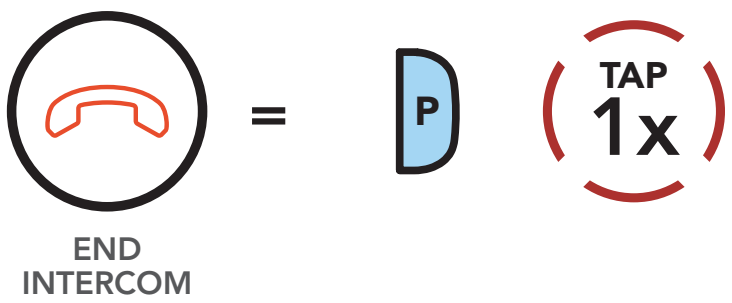
2. To disconnect the intercom during a conference phone call, tap the **Jog Dial once, twice or three times**.

Disconnect Intercom Friend from Conference



3. To disconnect the mobile phone call during a conference phone call, tap the **Phone Button**.

End Phone Call from Conference



Note: When you have an incoming intercom call during a mobile phone call, you will hear a voice prompt, "**Intercom requested**."

7. BLUETOOTH INTERCOM SETUP

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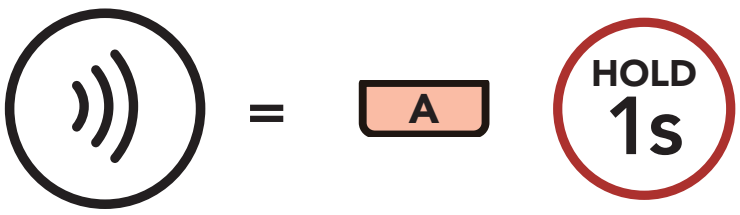
HD Intercom
Advanced Noise Control™

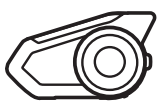
7.5 Group Intercom

Group Intercom allows you to instantly create a **Multi-Way Conference Intercom** with three of the most recently paired headsets.

1. Go through intercom pairing with up to three headsets you want to have **Group Intercom** with.
2. Press the **Ambient Mode Button** for **1 second** to begin **Group Intercom**. The LED will flash green and you will hear a voice prompt, "**Group intercom**".

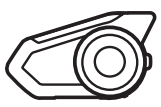
Start Group Intercom





"Group intercom"

3. When all of the headsets are connected together, everyone will hear the voice prompt, "**Group intercom connected**."



"Group intercom connected"

= Green LED Flashing

7. BLUETOOTH INTERCOM SETUP

Intercom Pairing
Two-Way Intercom
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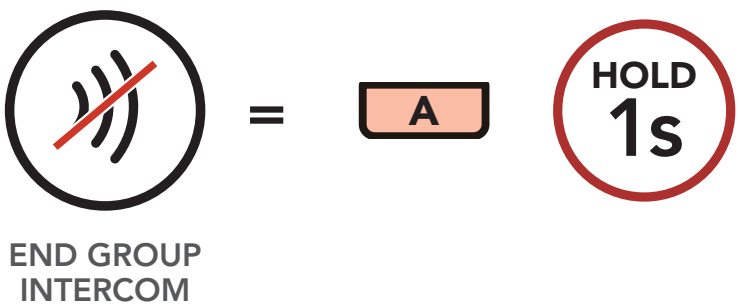
Intercom VOX Sensitivity
HD Intercom
Advanced Noise Control™

4. To terminate **Group Intercom**, press the **Ambient Mode Button** for **1 second** during **Group Intercom**. You will hear a voice prompt, "**Group intercom terminated**".

End Group Intercom



7.6 Universal Intercom

Universal Intercom allows you to have intercom conversations with users of non-Boom! Audio Bluetooth headsets. You can pair your headset with only one non-Boom! Audio headset at a time. The intercom distance depends on the performance of the Bluetooth headset to which it's connected. When a non-Boom! Audio Bluetooth headset is paired with the Boom! Audio headset, if another Bluetooth device is paired via **Second Mobile Phone Pairing**, it will be disconnected.

1. Execute **Universal Intercom** in the **Headset Configuration Menu**.

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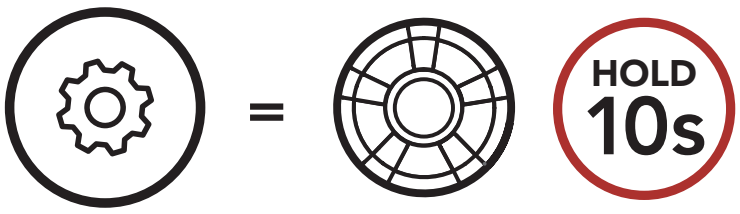
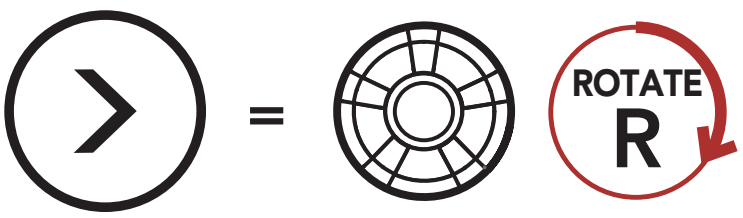
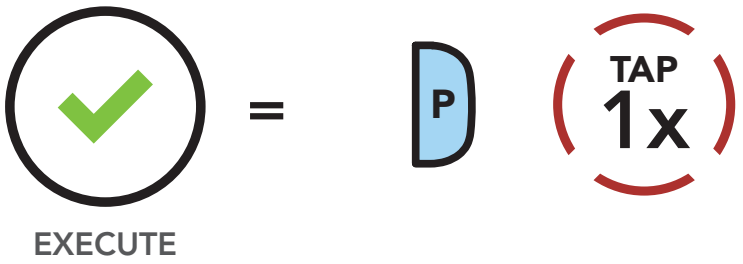
VOX Intercom
Intercom VOX Sensitivity
HD Intercom
Advanced Noise Control™

Access Universal Intercom in the Configuration Menu







2. Put the non-Boom! Audio Bluetooth headset in Pairing Mode. The headset will automatically pair with a non-Boom! Audio Bluetooth headset.

7. BLUETOOTH INTERCOM SETUP

Intercom Pairing

Two-Way Intercom

Multi-Way Intercom

Three-Way Conference Phone Call with Intercom Users

Group Intercom

Universal Intercom

VOX Intercom

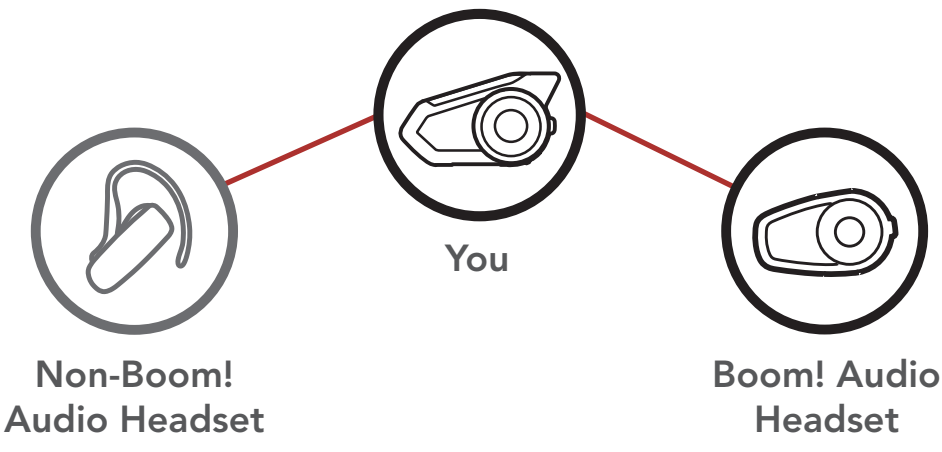
Intercom VOX Sensitivity

HD Intercom

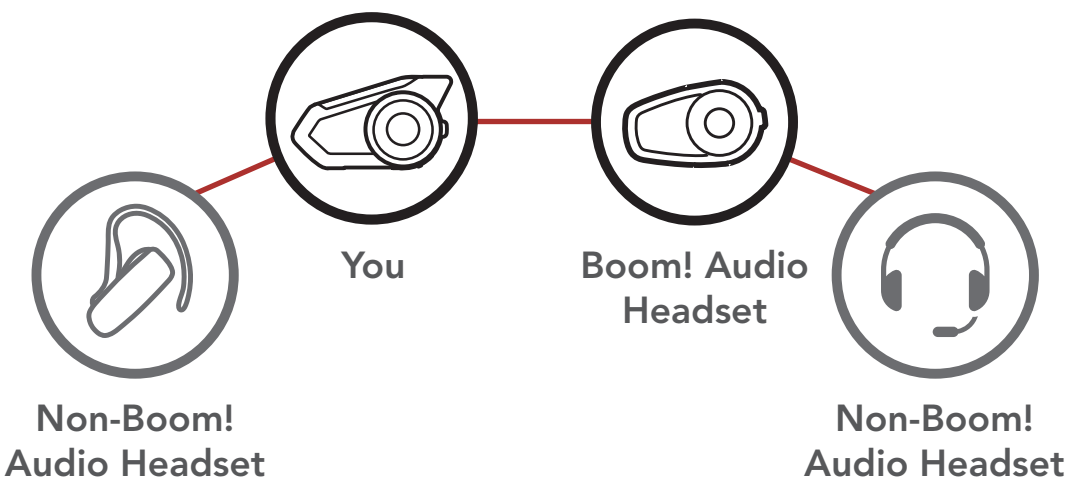
Advanced Noise Control™

3. You can have **Two-Way Intercom** or **Multi-Way Intercom** communication with up to three **Intercom Friends** using non-Boom! Audio headsets by following the procedures described below.

Example of a Three-Way Universal Intercom



Example of a Four-Way Universal Intercom



7. BLUETOOTH INTERCOM SETUP

Intercom Pairing

Two-Way Intercom

Multi-Way Intercom

Three-Way Conference Phone Call with Intercom Users

Group Intercom

Universal Intercom

VOX Intercom

Intercom VOX Sensitivity

HD Intercom

Advanced Noise Control™

7.7 VOX Intercom (Default: Disable)

The **VOX Intercom** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

If **VOX Intercom** is enabled, you can initiate an intercom conversation with the last connected intercom friend by voice. When you want to start intercom, say a word such as **"Hello"** loudly or blow air into the microphone. If you start an intercom conversation by voice, the intercom terminates automatically when you and your intercom friend remain silent for 20 seconds. However, if you manually start an intercom conversation by tapping the **Jog Dial**, you have to terminate the intercom conversation manually.

However, if you start the intercom by voice and end it manually by tapping the **Jog Dial**, you will not be able to start intercom by voice temporarily. In this case, you have to tap the **Jog Dial** to restart the intercom. This is to prevent repeated unintentional intercom connections by strong wind noise. After rebooting the headset, you can start the intercom by voice again.

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Intercom Pairing

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Multi-Way Intercom

Three-Way Conference Phone Call with Intercom Users

Group Intercom

Universal Intercom

VOX Intercom

Intercom VOX Sensitivity

HD Intercom

Advanced Noise Control™

7.8 Intercom VOX Sensitivity (Default: 3)

The **Intercom VOX Sensitivity** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

The sensitivity can be adjusted depending on your riding environment. Level 5 is the highest sensitivity setting and 1 is the lowest.

7.9 HD Intercom (Default: Enable)

The **HD Intercom** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

HD Intercom enhances the two-way intercom audio from normal quality to HD quality. **HD Intercom** will become temporarily disabled when you enter into a multi-way intercom. If this feature is disabled, the two-way intercom audio will change to normal quality.

Note:

- The intercom distance of **HD Intercom** is relatively shorter than that of normal intercom.
- **HD intercom** is active only when **Bluetooth Intercom Audio Multitasking** is disabled.

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Intercom Pairing

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Multi-Way Intercom

Three-Way Conference Phone Call with Intercom Users

Group Intercom

Universal Intercom

VOX Intercom

Intercom VOX Sensitivity

HD Intercom

Advanced Noise Control™

7.10 Advanced Noise Control™ (Default: Enable)

The **Advanced Noise Control** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

If **Advanced Noise Control** is enabled, background noise is reduced during intercom conversations.

If **Advanced Noise Control** is disabled, the background noise is mixed with your voice while using the intercom.

8. MESH INTERCOM

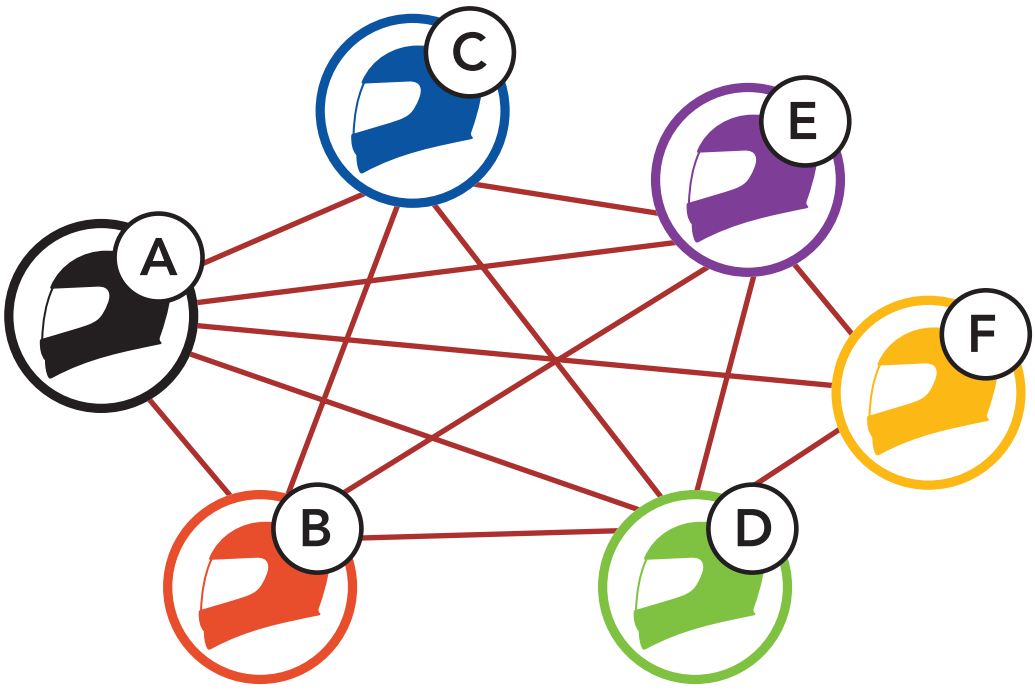
8.1 What is Mesh Intercom?

What is Mesh Intercom?
Starting Mesh Intercom
Using the Mesh in Open Mesh
Using Mesh in Group Mesh
Reset Mesh
Toggling Open Mesh/Group Mesh
Enable/ Disable Mic
Mesh Intercom Conference with Bluetooth Intercom Participant

Mesh Intercom™ is a dynamic communication system created by Harley-Davidson that provides instant and effortless bike-to-bike communication without a pre-grouping process. **Mesh Intercom** allows riders to connect and communicate with nearby users without the need to pair each headset together.

The working distance between each **Boom! Audio 30K** in **Mesh Intercom** can be up to 2 km (1.2 mi) in open terrain. In open terrain, the **Mesh** can be extended up to 8 km (5 mi) between a minimum of six users. Within the same channel in **Open Mesh™** or the same private group in **Group Mesh™**, six users can talk at the same time and enjoy the optimal quality for their conversation.

Mesh Intercom



8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

Reset Mesh

Toggling Open Mesh/Group Mesh

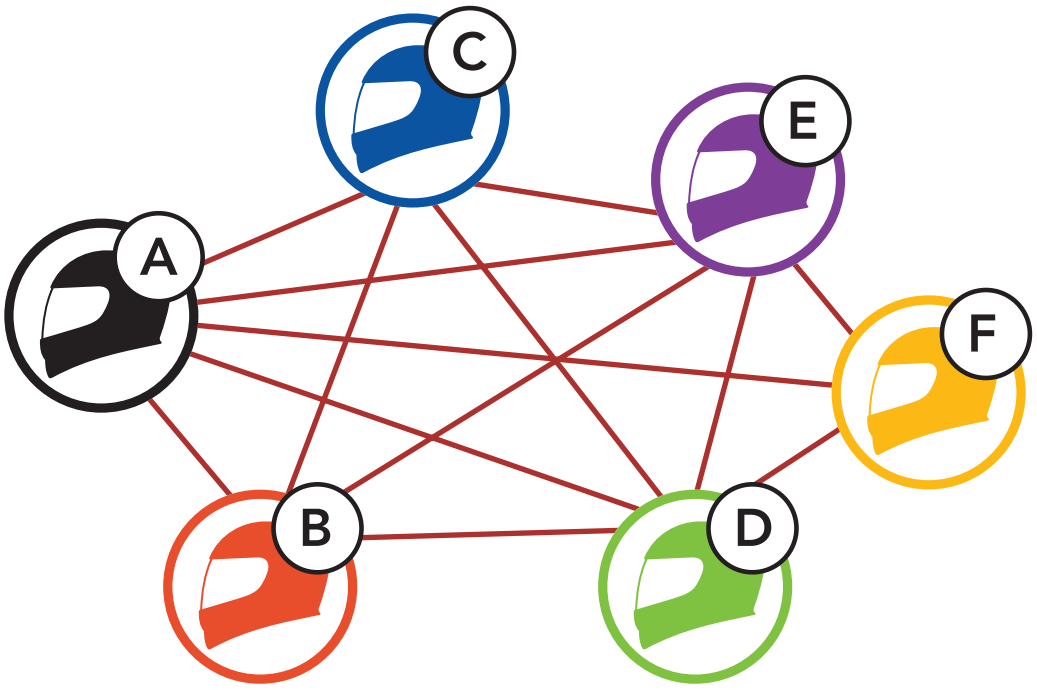
Enable/ Disable Mic

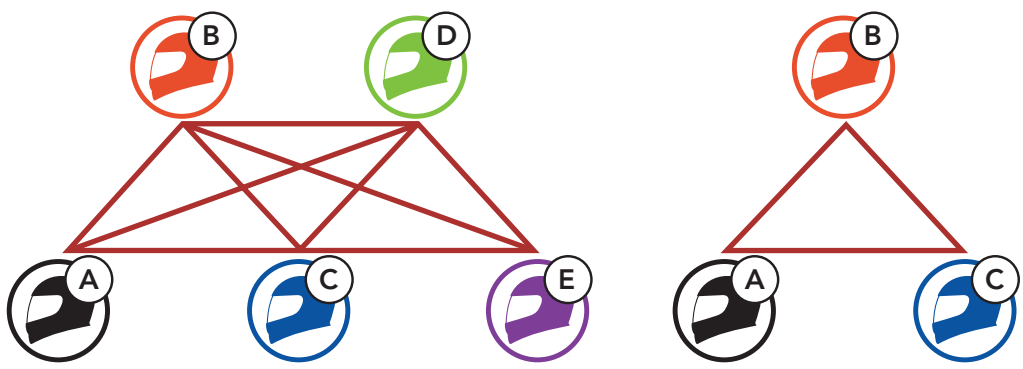
Mesh Intercom Conference with Bluetooth Intercom Participant

8.1.1 Open Mesh

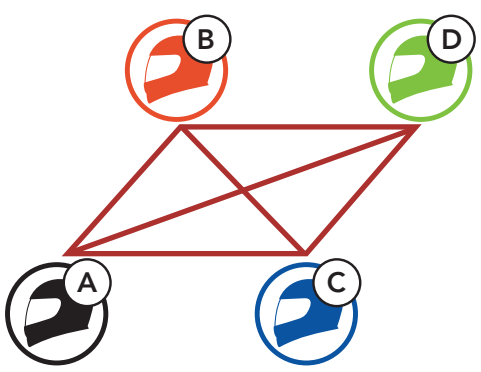
Open Mesh is an open group intercom function. Users can freely communicate with each other in the same **Open Mesh** channel and select which channel (1-9) to use through the headset.

It can connect with a virtually unlimited number of users in each channel.





Channel 1 Channel 2



Channel 9

8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

Reset Mesh

Toggling Open Mesh/Group Mesh

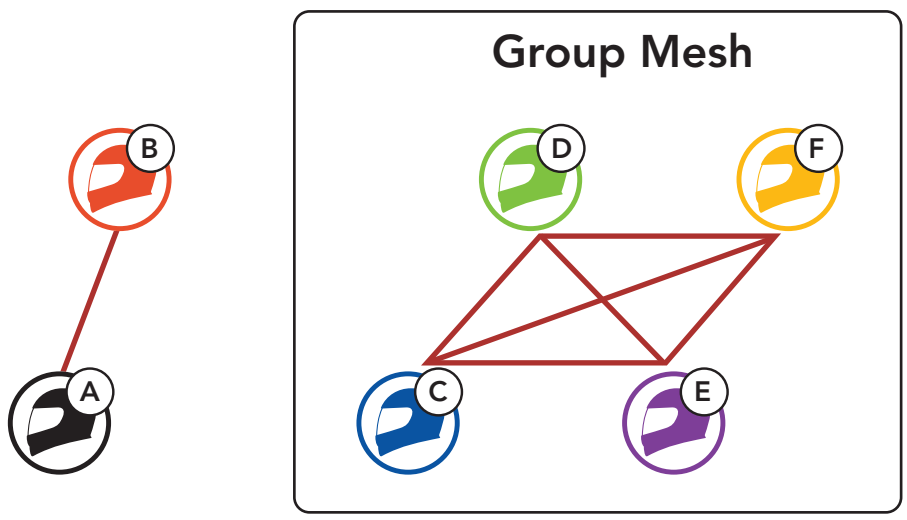
Enable/ Disable Mic

Mesh Intercom Conference with Bluetooth Intercom Participant

8.1.2 Group Mesh

Group Mesh is a closed group intercom function that allows users to join, leave, or rejoin a group intercom conversation without pairing each headset. Users can freely communicate with each other in the same private group in **Group Mesh**.

For closed intercom conversations using **Mesh Intercom**, a **Group Mesh** needs to be created by the users. When users create a private group in **Group Mesh** by **Mesh Grouping**, the headsets automatically switch from **Open Mesh** to **Group Mesh**. Up to 24 users can all be connected in each private group.



8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

Reset Mesh

Toggling Open Mesh/Group Mesh

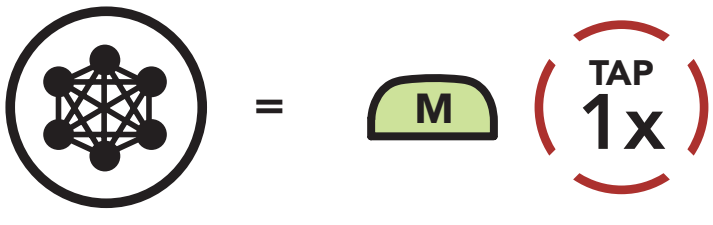
Enable/ Disable Mic

Mesh Intercom Conference with Bluetooth Intercom Participant

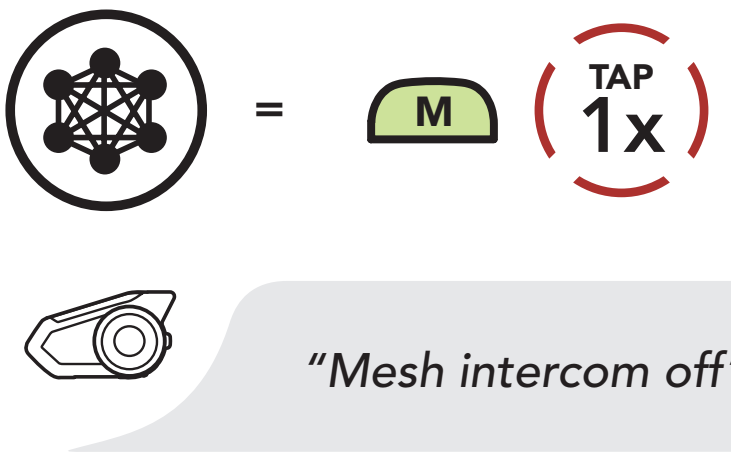
8.2 Starting Mesh Intercom

When **Mesh Intercom** is enabled, the **Boom! Audio 30K** will automatically connect to nearby **Boom! Audio 30K** users and allow them to talk to each other by pressing the **Mesh Intercom Button**.

Mesh Intercom On



Mesh Intercom Off



Note: Open Mesh and **Group Mesh** cannot communicate with the previous modes **Public Mode** and **Private Mode**. In case of no communication, **the Boom! Audio 30K should be upgraded to the latest firmware**.

8.3 Using the Mesh in Open Mesh

When **Mesh Intercom** is enabled, the headset will be in **Open Mesh (default: channel 1)** initially.

8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

Reset Mesh

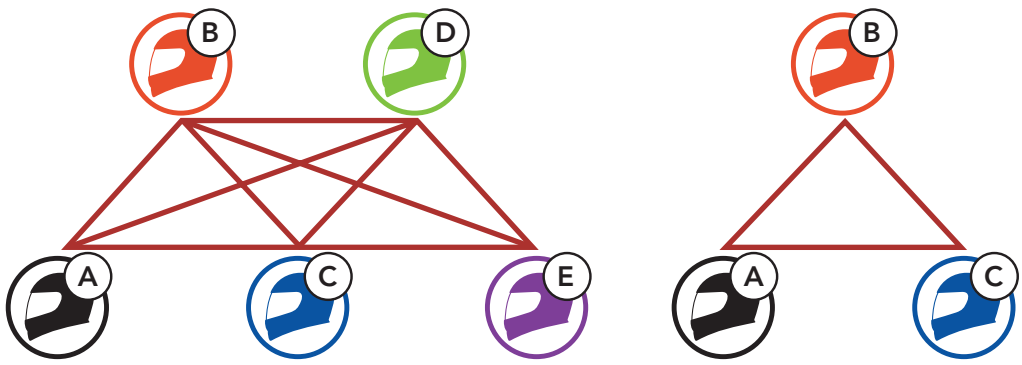
Toggling Open Mesh/Group Mesh

Enable/ Disable Mic

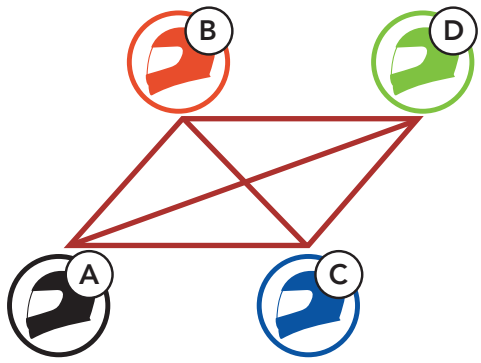
Mesh Intercom Conference with Bluetooth Intercom Participant

8.3.1 Channel Setting (Default: channel 1)

If the **Open Mesh** communication experiences interference because other groups are also using **channel 1 (default)**, change the channel. You can select from channels 1 to 9.

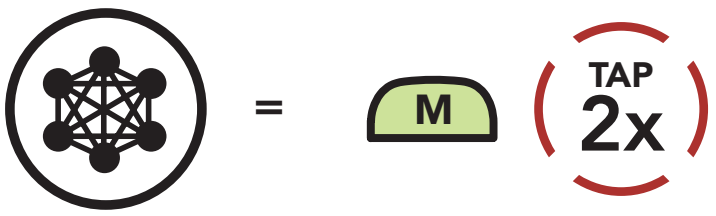


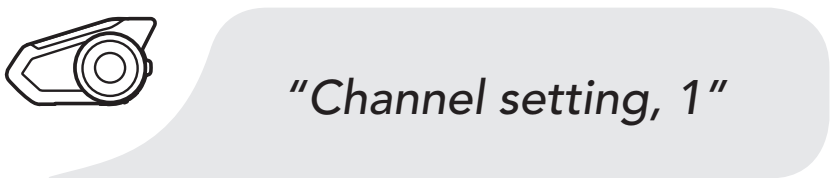
Channel 1 **Channel 2**



Channel 9

Enter into the Channel Setting





8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

Reset Mesh

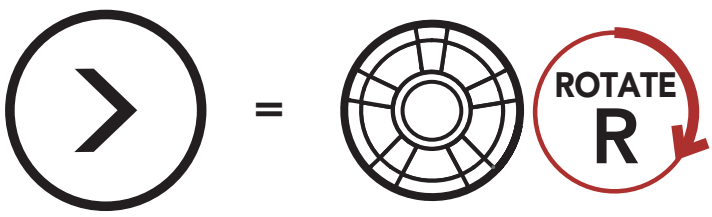
Toggling Open Mesh/Group Mesh

Enable/ Disable Mic

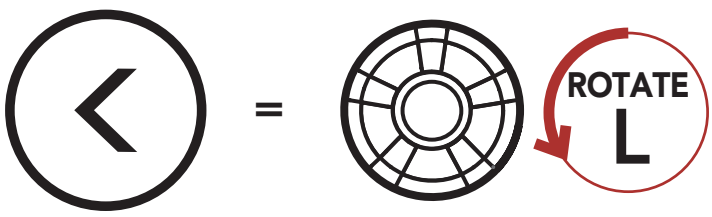
Mesh Intercom Conference with Bluetooth Intercom Participant

Navigate Between Channels

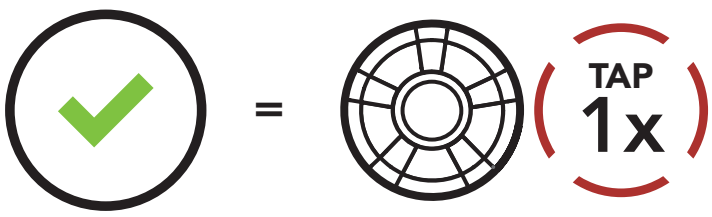
(1 → 2 → ••• → 8 → 9 → Exit → 1 → •••)

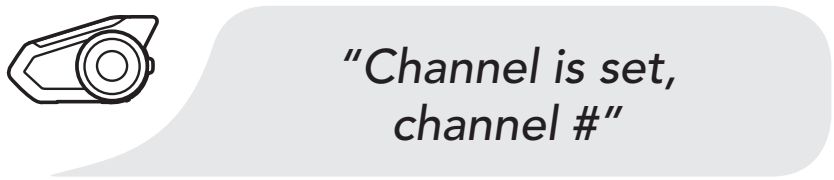


or



Save the Channel





Note:

- **Channel Setting** always starts with channel 1.
- If you do not press any button for approximately **10 seconds** in a specific channel, the channel is automatically saved.
- If you want to cancel during **Channel Setting**, tap the **Phone Button**.
- The channel will be remembered even if you turn off the **Boom! Audio 30K**.
- You can also change the **Channel Setting** of the headset through **Sena Smartphone App**.

8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

Reset Mesh

Toggling Open Mesh/Group Mesh

Enable/ Disable Mic

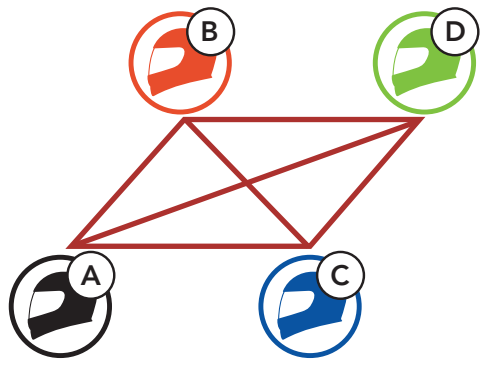
Mesh Intercom Conference with Bluetooth Intercom Participant

8.4 Using Mesh in Group Mesh

8.4.1 Creating a Group Mesh

Creating a **Group Mesh** requires **two or more Open Mesh users**.

Open Mesh

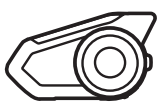


1. Enter into **Mesh Grouping** to create a **Group Mesh**.

YOU

and =

FRIEND



"Mesh Grouping"

8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

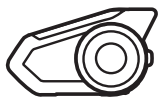
Reset Mesh

Toggling Open Mesh/Group Mesh

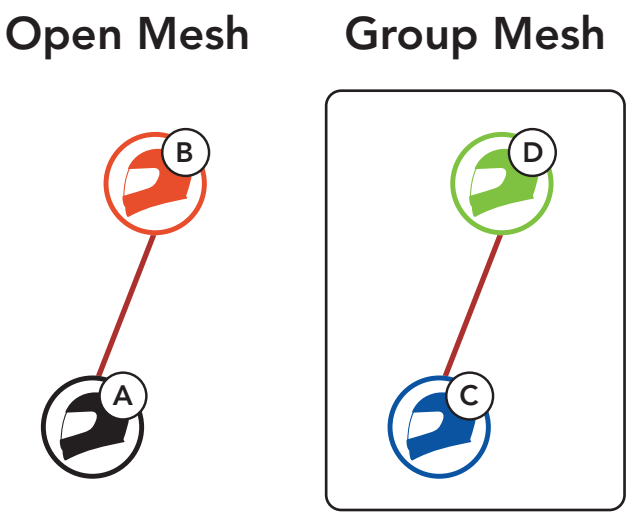
Enable/ Disable Mic

Mesh Intercom Conference with Bluetooth Intercom Participant

2. The headsets complete **Mesh Grouping** and automatically switch from **Open Mesh** to **Group Mesh**.



"Group Mesh"

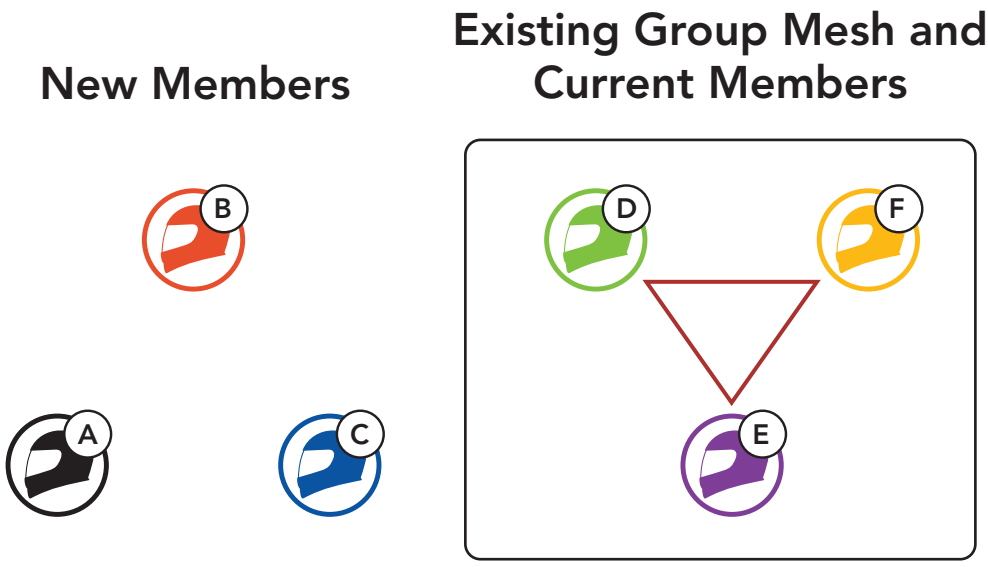


Note:

- If the **Mesh Grouping** is not completed within **30 seconds**, users will hear a voice prompt, **"Grouping failed"**.
- If you want to cancel during the **Mesh Grouping**, tap the **Mesh Intercom Button** or **Phone Button**.

8.4.2 Joining an Existing Group Mesh

One of the members in an **Existing Group Mesh** can allow new members in **Open Mesh** to join the **Existing Group Mesh**.



8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

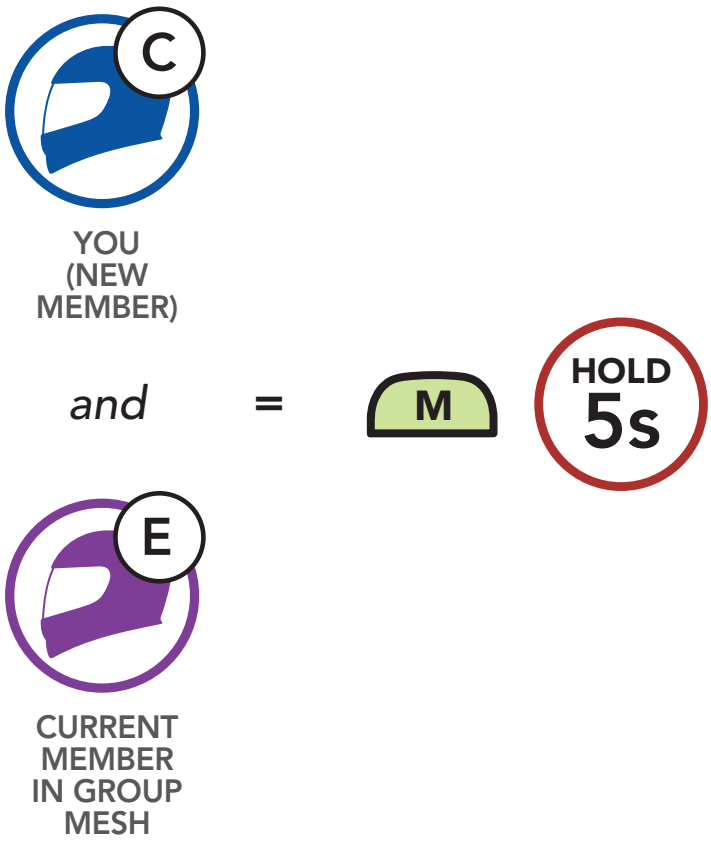
Reset Mesh

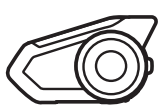
Toggling Open Mesh/Group Mesh

Enable/ Disable Mic

Mesh Intercom Conference with Bluetooth Intercom Participant

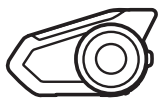
1. **One of the current members** and a **new member** enter into **Mesh Grouping** to join the **Existing Group Mesh**.



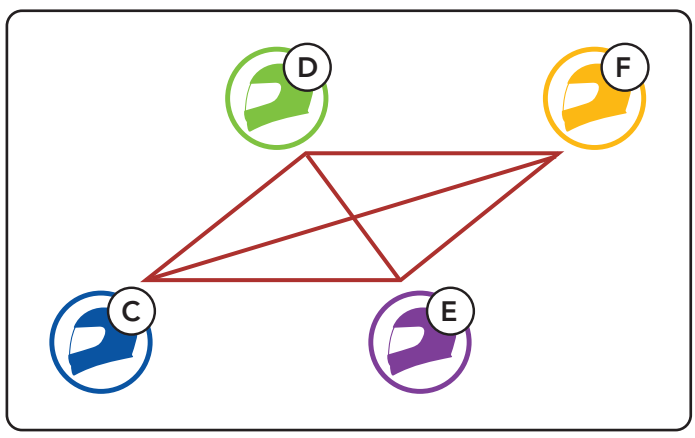


"Mesh Grouping"

2. The headsets complete **Mesh Grouping**. The new members will hear a voice prompt as their headsets automatically switch from **Open Mesh** to **Group Mesh**.



"Group Mesh"



8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

Reset Mesh

Toggling Open Mesh/Group Mesh

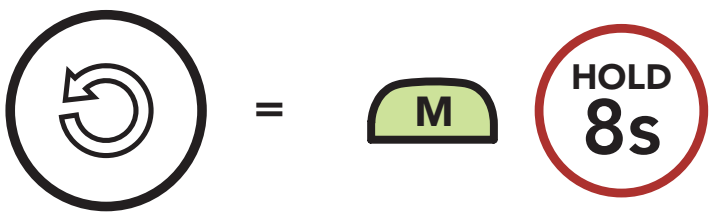
Enable/ Disable Mic

Mesh Intercom Conference with Bluetooth Intercom Participant

Note: If the **Mesh Grouping** is not completed within **30 seconds**, the current members will hear a low tone double beep and the new member will hear a voice prompt, **"Grouping failed"**.

8.5 Reset Mesh

If a headset in an **Open Mesh** or **Group Mesh** resets the **Mesh**, it will automatically return to **Open Mesh (default: channel 1)**.

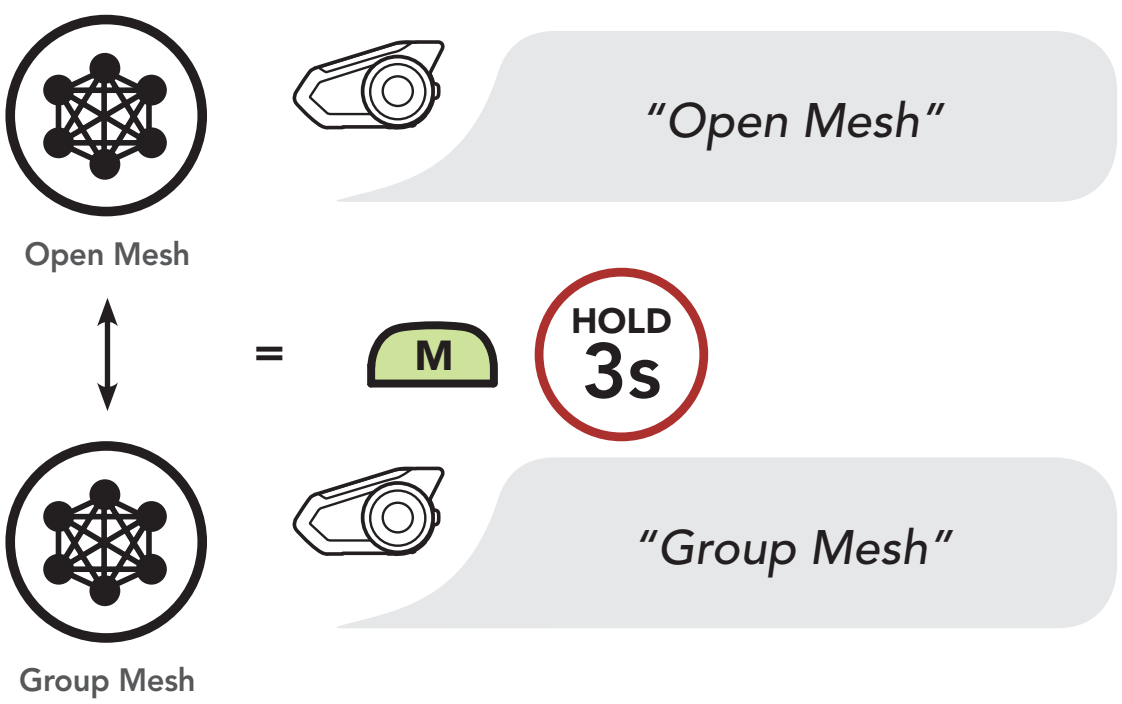


8.6 Toggling Open Mesh/Group Mesh

Users are able to toggle between **Open Mesh** and **Group Mesh** without resetting the **Mesh**. This allows users to keep the **Group Mesh Network** connection information while in **Open Mesh**.

Users can toggle to **Group Mesh** to communicate with participants from the stored **Group Mesh Network** connection information.

Toggle Between Open Mesh and Group Mesh



8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

Reset Mesh

Toggling Open Mesh/Group Mesh

Enable/ Disable Mic

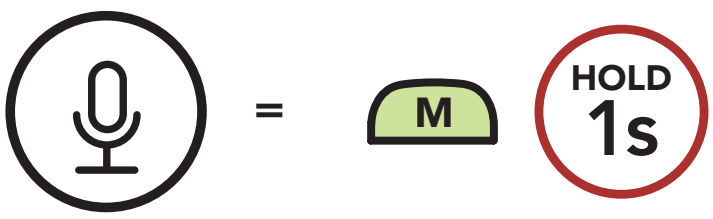
Mesh Intercom Conference with Bluetooth Intercom Participant

Note: If you have never participated in **Group Mesh**, you cannot toggle between **Open Mesh** and **Group Mesh**. You will hear a voice prompt, **"No Group Available"**.

8.7 Enable/Disable Mic (Default: Enable)

Users can enable/disable the microphone when communicating in a **Mesh Intercom**.

Enable/Disable the Microphone



8.8 Mesh Intercom Conference with Bluetooth Intercom Participant

Users can use the existing Bluetooth intercom and **Mesh Intercom** function at the same time. In this case, it is recommended to communicate with other **Boom! Audio headsets** via Bluetooth intercom connection and use **Mesh Intercom** between **Boom! Audio 30K**s. A user who is in **Open Mesh** or **Group Mesh** when using **Mesh Intercom** is able to include up to three of their Bluetooth intercom friends. You can start a Two-Way Intercom conversation with one of your three Intercom Friends to include them in the Mesh.

8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

Reset Mesh

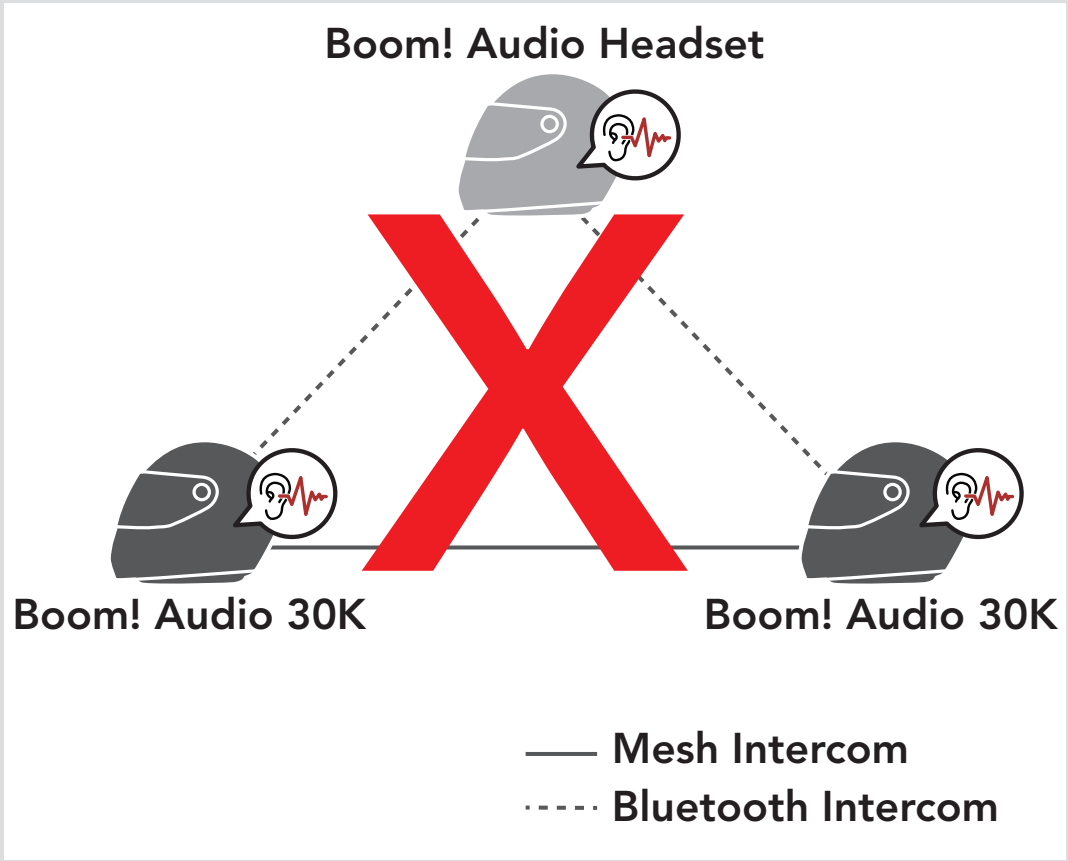
Toggling Open Mesh/Group Mesh

Enable/ Disable Mic

Mesh Intercom Conference with Bluetooth Intercom Participant

Note:

- The audio quality will be reduced if a **Boom! Audio 30K** connects to 2 or more Bluetooth intercom friends while in **Open Mesh** or **Group Mesh** when using **Mesh Intercom**.
- If a closed loop is created, as shown below, each user will experience severe noise issues. Harley-Davidson recommends that a closed loop not be created.



8. MESH INTERCOM

What is Mesh Intercom?

Starting Mesh Intercom

Using the Mesh in Open Mesh

Using Mesh in Group Mesh

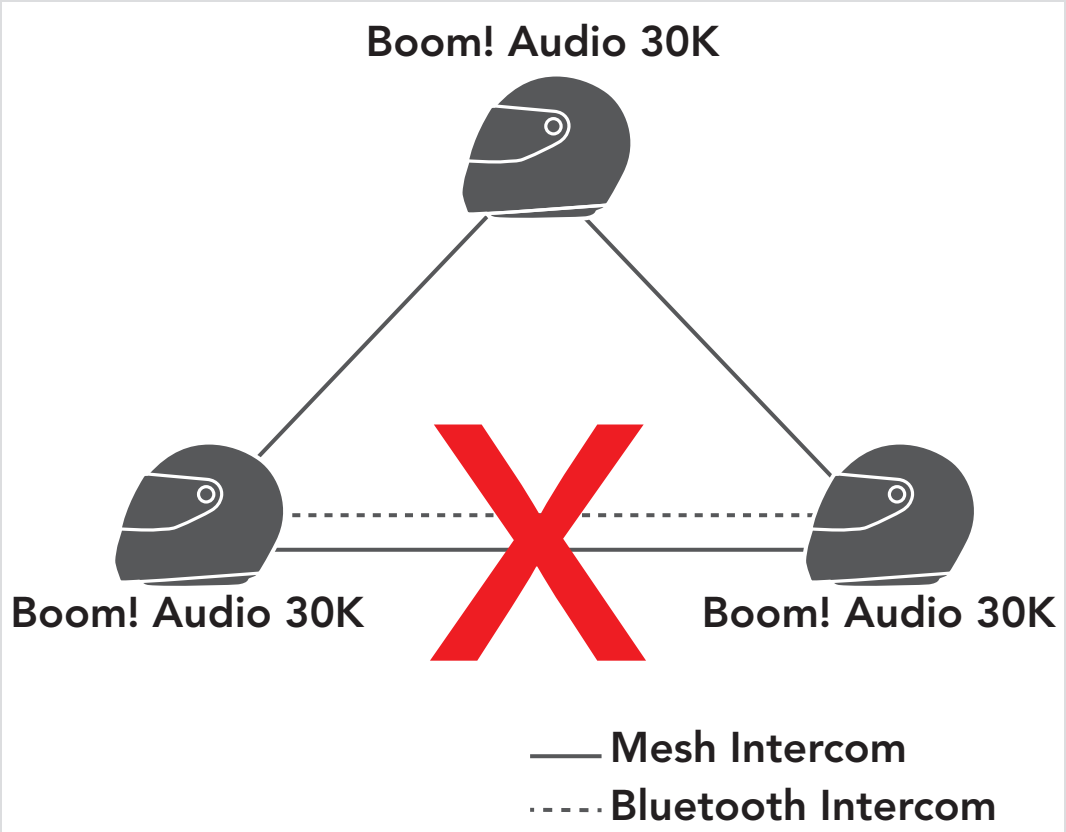
Reset Mesh

Toggling Open Mesh/Group Mesh

Enable/ Disable Mic

Mesh Intercom Conference with Bluetooth Intercom Participant

- If **Bluetooth intercom** is accidentally turned on during **Mesh Intercom** communication between **Boom! Audio 30K**s, as shown below, you will hear a voice prompt, **"Mesh intercom disabled, Bluetooth intercom connected"** every **1 minute**. If you turn off the Bluetooth Intercom or turn off the **Mesh Intercom**, the voice prompt will no longer come out.



9. AUDIO MULTITASKING

Audio Multitasking Settings

Intercom-Audio Overlay Sensitivity

Audio Overlay Volume Management

Audio Multitasking allows you to have an intercom conversation while simultaneously listening to music, FM radio, or GPS instructions. The overlaid audio is played in the background with reduced volume whenever there is an intercom conversation and will return to normal volume once the conversation is finished. The Audio Multitasking feature can be configured through the **Intercom-Audio Overlay Sensitivity** and the **Audio Overlay Volume Management** settings.

9.1 Audio Multitasking Settings

The Mesh Intercom Audio Multitasking feature is always on. The **Bluetooth Intercom Audio Multitasking (Default: Disabled)** setting can be found in the settings menu, accessible through the **Sena Device Manager** or the **Sena Smartphone App**.

Note:

1. **Bluetooth Intercom Audio Multitasking** will be activated during two-way intercom conversations with a headset that also supports this feature.
2. HD Intercom will become disabled temporarily when **Bluetooth Intercom Audio Multitasking** is enabled.
3. For **Bluetooth Intercom Audio Multitasking** to work properly, you need to power the headset off and on. Please restart the headset.
4. Some GPS devices may not support this feature.
5. **Bluetooth Intercom Audio Multitasking** has limited usage for iOS devices.

9. AUDIO MULTITASKING

9.2 Intercom-Audio Overlay Sensitivity (Default: 3)

The **Intercom-Audio Overlay Sensitivity** setting can be found in the settings menu, accessible through **Sena Device Manager** or **Sena Smartphone App**. The music, FM radio and GPS volume will be lowered to play in the background if you talk over the intercom while the overlaid audio is playing. You can adjust the intercom sensitivity to activate this background audio mode. Level 1 has the lowest sensitivity and level 5 has the highest sensitivity.

Note: If your voice is not louder than the sensitivity of the selected level, the overlaid audio will not be lowered.

9.3 Audio Overlay Volume Management (Default: Disable)

The **Audio Overlay Volume Management** setting can be found in the settings menu, accessible through **Sena Device Manager** or **Sena Smartphone App**. The music, FM radio and GPS overlaid audio reduces in volume whenever there is an ongoing intercom conversation. If **Audio Overlay Volume Management** is enabled, the volume level of the overlaid audio will not be reduced during intercom conversation.

10. USING THE FM RADIO

FM Radio On/Off

Seek and Save Radio Stations

Scan and Save Radio Stations

Temporary Station Preset

Navigating Preset Stations

Region Selection

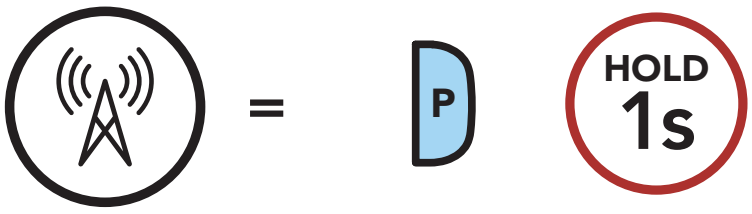
Radio Data System (RDS) Alternative Frequency (AF) Setting

FM Station Guide

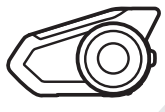
10.1 FM Radio On/Off

To turn on or shut off the FM radio, press the **Phone Button** for **1 second** until you hear a double beep.

FM Radio On

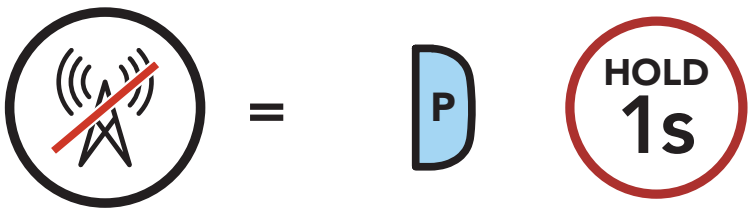


FM RADIO ON

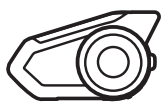


"FM on"

FM Radio Off



FM RADIO OFF



"FM off"

10. USING THE FM RADIO

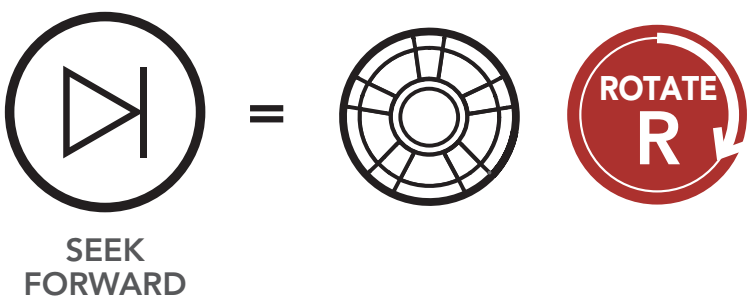
FM Radio On/Off
Seek and Save Radio Stations
Scan and Save Radio Stations
Temporary Station Preset
Navigating Preset Stations
Region Selection
Radio Data System (RDS) Alternative Frequency (AF) Setting
FM Station Guide

10.2 Seek and Save Radio Stations

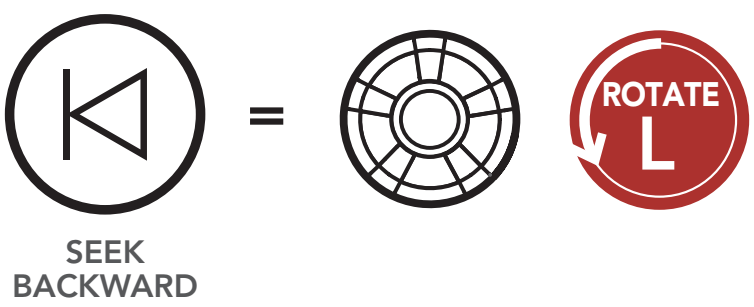
The **"Seek"** feature searches for radio stations.

1. Rotate while pressing the **Jog Dial** clockwise or counterclockwise to search for radio stations.

Seek Stations Forward

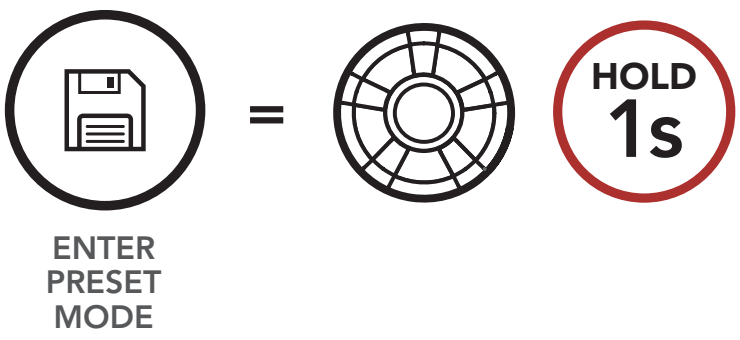


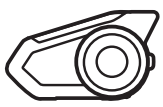
Seek Stations Backward



2. To save the current station, press and hold the **Jog Dial** for **1 seconds** until you hear the voice prompt, **"Preset (#)."**

Enter Preset Selection Mode





"Preset (#)"

10. USING THE FM RADIO

FM Radio On/Off

Seek and Save Radio Stations

Scan and Save Radio Stations

Temporary Station Preset

Navigating Preset Stations

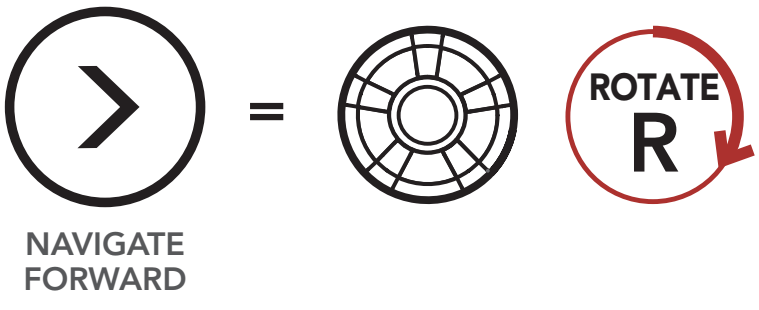
Region Selection

Radio Data System (RDS) Alternative Frequency (AF) Setting

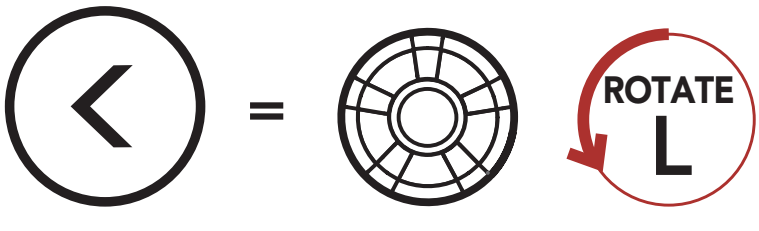
FM Station Guide

3. Rotate the **Jog Dial** to navigate through the preset numbers that you want to store.

Navigate Forward through Preset Stations

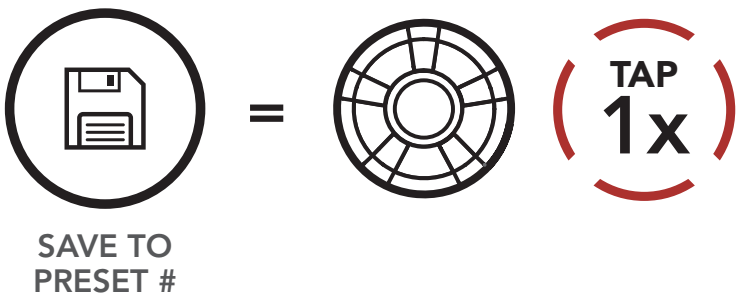


Navigate Backward through Preset Stations

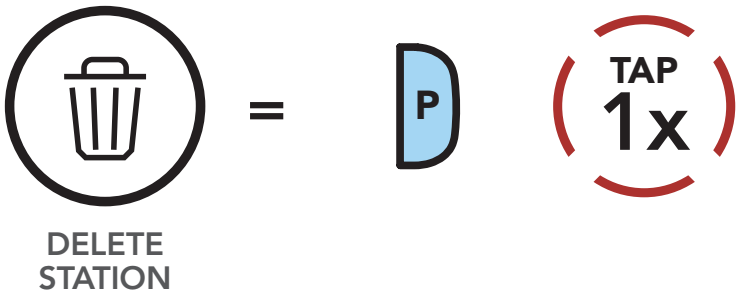


4. Tap the **Jog Dial** to save the station in the preset number you choose. Or, tap the **Phone Button** to delete the station from memory.

Save Station to the Preset Number



Delete Station from Memory



10. USING THE FM RADIO

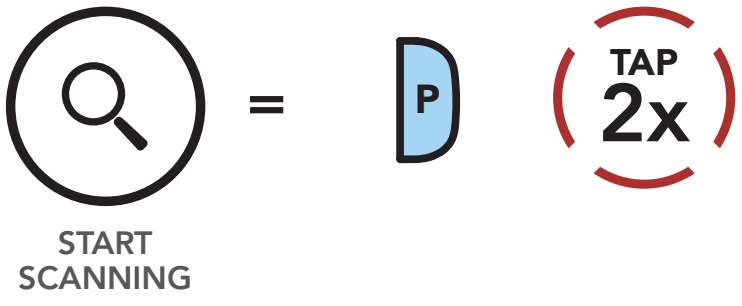
FM Radio On/Off
Seek and Save Radio Stations
Scan and Save Radio Stations
Temporary Station Preset
Navigating Preset Stations
Region Selection
Radio Data System (RDS) Alternative Frequency (AF) Setting
FM Station Guide

10.3 Scan and Save Radio Stations

The **"Scan"** function automatically searches for radio stations, starting with the current station's frequency, then up from there.

1. Double tap the **Phone Button** to scan for stations.

Scan and Save Radio Stations



2. The tuner pauses at each station it finds for **8 seconds** before moving to the next.
3. To save the current station, tap the **Phone Button**. The station will be saved as the next preset number.

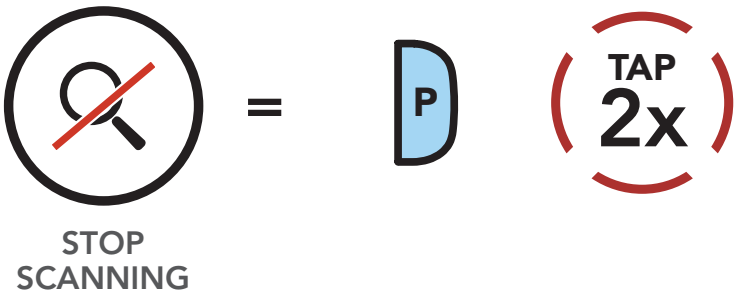
Save the Current Station

10. USING THE FM RADIO

FM Radio On/Off
Seek and Save Radio Stations
Scan and Save Radio Stations
Temporary Station Preset
Navigating Preset Stations
Region Selection
Radio Data System (RDS) Alternative Frequency (AF) Setting
FM Station Guide

4. To stop scanning, double tap the **Phone Button**.

Stop Scanning

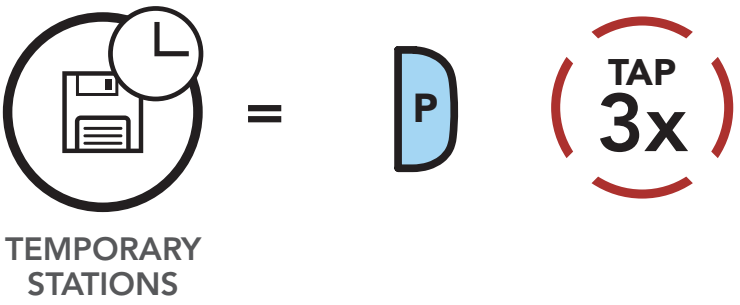


10.4 Temporary Station Preset

The **Temporary Preset** feature automatically finds and saves the nearest 10 radio stations without changing your existing preset stations.

1. Tap the **Phone Button** three times to automatically find and save 10 stations.

Temporary Stations



2. The temporary preset stations will be cleared when the headset reboots.

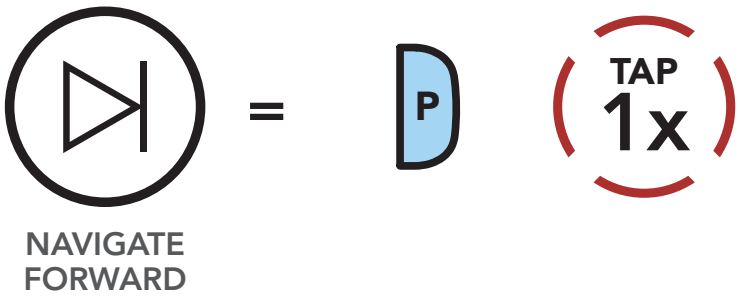
10. USING THE FM RADIO

FM Radio On/Off
Seek and Save Radio Stations
Scan and Save Radio Stations
Temporary Station Preset
Navigating Preset Stations
Region Selection
Radio Data System (RDS) Alternative Frequency (AF) Setting
FM Station Guide

10.5 Navigating Preset Stations

Using the methods above, up to 10 radio stations can be stored. Tap the **Phone Button** to navigate through the saved stations.

Navigate through Preset Stations



Note: You can use the **Boom Audio Bluetooth Device Manager** or the **Sena Smartphone App** to save the preset stations.

10.6 Region Selection (Default: Worldwide)

You can select the proper FM frequency range for your location from the **Boom Audio Bluetooth Device Manager** or the **Sena Smartphone App**. Using the region setting, you can optimize the seek function to avoid unnecessary frequency ranges.

Region	Frequency range	Step
Worldwide	76.0 ~ 108.0 MHz	± 100 kHz
North America, South America and Australia	87.5 ~ 107.9 MHz	± 200 kHz
Asia and Europe	87.5 ~ 108.0 MHz	± 100 kHz
Japan	76.0 ~ 95.0 MHz	± 100 kHz

10. USING THE FM RADIO

FM Radio On/Off

Seek and Save Radio Stations

Scan and Save Radio Stations

Temporary Station Preset

Navigating Preset Stations

Region Selection

Radio Data System (RDS) Alternative Frequency (AF) Setting

FM Station Guide

10.7 Radio Data System (RDS) Alternative Frequency (AF) Setting (Default: Disable)

The **RDS AF** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

When radio station signals get too weak for a good reception, with **RDS AF** enabled, the radio receiver re-tunes to a station with better reception. If **RDS AF** is disabled, you'll have to find stronger stations manually.

10.8 FM Station Guide (Default: Enable)

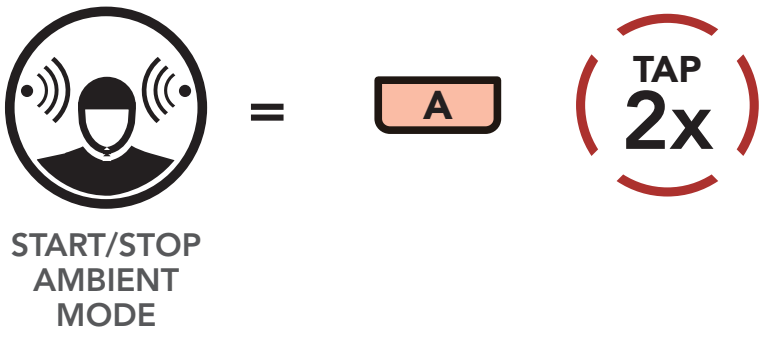
The **Station Guide** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

When **FM Station Guide** is enabled, FM station frequencies are given by voice prompts as you select preset stations. When **FM Station Guide** is disabled, the voice prompts on FM station frequencies will not be given as you select preset stations.

11. AMBIENT MODE

You can hear the ambient sound outside of your helmet by activating the **Ambient Mode**. To activate the **Ambient Mode**, press the **Ambient Mode Button** twice which is placed on the bottom of the clamp unit. To deactivate the **Ambient Mode**, press the **Ambient Mode Button** twice again.

Ambient Mode



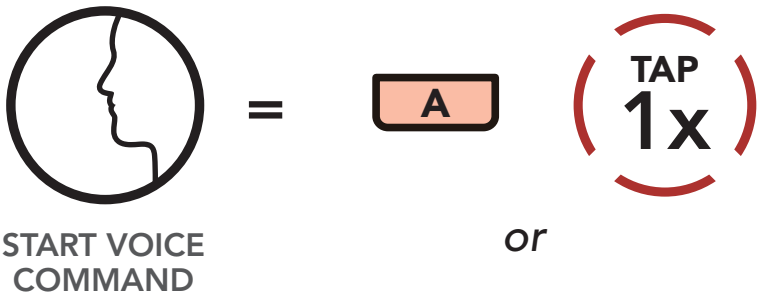
Note: The **Ambient Mode** has higher priority than mobile phone, so you cannot listen to music, or have an intercom conversation if the **Ambient Mode** is activated.

12. VOICE COMMAND

Voice Command Setting

The voice command of the headset allows you to operate certain operations by simply using your voice. You can control the headset completely handsfree using the voice recognition. The voice command function works only with English commands.

Voice Command



Speak a voice command from the table below:

Mode Status	Function	Voice Command
Standby / Intercom	Start/End each Intercom	"Intercom [one, two, three]"
	End all intercoms	"End intercom"
	Call last intercom	"Last intercom"
	Group intercom	"Group intercom"
	Intercom pairing	"Pairing intercom"
	Cancelling operations	"Cancel"

12. VOICE COMMAND

Voice Command Setting

Mode Status	Function	Voice Command
Standby / Music / FM Radio	Play/Pause music	“Music” or “Stereo”
	Turn on/off FM radio	“FM radio”
	Check battery	“Check battery”
	Speed dialing	“Speed dial [one, two, three]”
	Redial the last call	“Redial”
	Voice command help	“What can I say?”
	Check connected devices	“Connected devices”
	Configuration menus	“Configuration”
Music / FM Radio	Next track (music) / next preset (FM radio)	“Next”
	Previous track (music) / previous preset (FM radio)	“Previous”
	Stop music / FM radio	“Stop”
Standby / Mesh Intercom	Mesh intercom On/Off	“Mesh intercom”
	End the Bluetooth and Mesh intercom	“End intercom”
	Create a Mesh	“Create Mesh”
	Quit the Mesh	“Quit Mesh”

12. VOICE COMMAND

Voice Command Setting

Note:

- Voice command performance may vary based on the environmental conditions including riding speed, helmet type and ambient noise. To improve the performance, minimize wind noise on the microphone by using a large microphone sponge and closing the visor.
- To activate the voice command during intercom conversation, tap the **Ambient Mode Button** once.

12.1 Voice Command Setting (Default: Enable)

A **Voice Command** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

When **Voice Command** is enabled, you can use your voice to give a command the headset operate certain operations completely handsfree. If **Voice Command** is disabled, you will need to operate all of the functions using the buttons on the headset.

13. GENERAL SETTINGS

13.1 Function Priority

The headset prioritizes connected devices in the following order:

(highest)	Ambient Mode
	Mobile phone
	Voice command mode
	Mesh Intercom / Bluetooth Intercom
	Music sharing via Bluetooth stereo
	FM radio
	Stereo music by audio cable
(lowest)	Bluetooth stereo music

A lower-priority function gets interrupted by a higher-priority function. For example, stereo music will be interrupted by an **Intercom Conversation**; an **Intercom Conversation** will be interrupted by an incoming mobile phone call.

13.2 Firmware Upgrades

The headset supports firmware upgrades. You can upgrade the firmware using the **Boom Audio Bluetooth Device Manager**. Please visit **oem.sena.com/harley-davidson** on to check for the latest software downloads.

Click Here to Visit oem.sena.com/harley-davidson

13. GENERAL SETTINGS

Function Priority

Firmware Upgrades

Voice Prompts

Sidetone

Delete All Bluetooth Pairing Information

13.3 Voice Prompts (Default: Enable)

A **Voice prompt** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

If **Voice prompt** is enabled, you can hear **Voice prompts** for different kinds of features. If **Voice prompt** is disabled, **Voice prompts** are silenced except for those in the Configuration Menu, battery level indication, speed dial, and FM radio functions.

13.4 Sidetone (Default: Disable)

A **Sidetone** setting can be found in the settings menu, accessible through **Boom Audio Bluetooth Device Manager** or **Sena Smartphone App**.

Sidetone is the sound of your own voice as picked up by your headset's microphone and reproduced in your own ear, by your own speaker. It helps you to naturally speak at the correct level according to varying helmet noise conditions. If this feature is enabled, you can hear what you are speaking during an intercom conversation or a phone call.

13. GENERAL SETTINGS

Function Priority

Firmware Upgrades

Voice Prompts

Sidetone

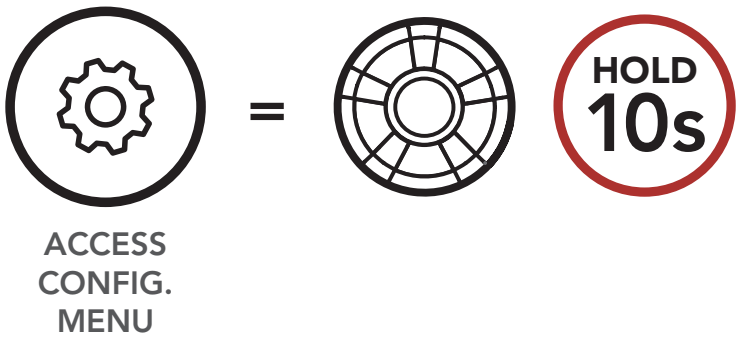
Delete All Bluetooth Pairing Information

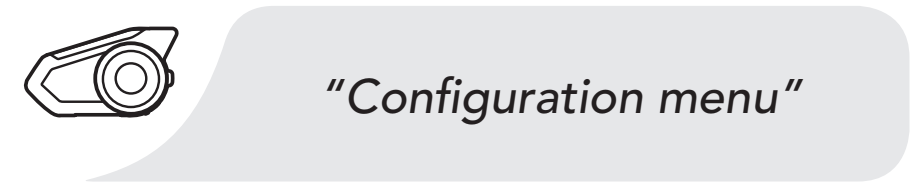
13.5 Delete All Bluetooth Pairing Information

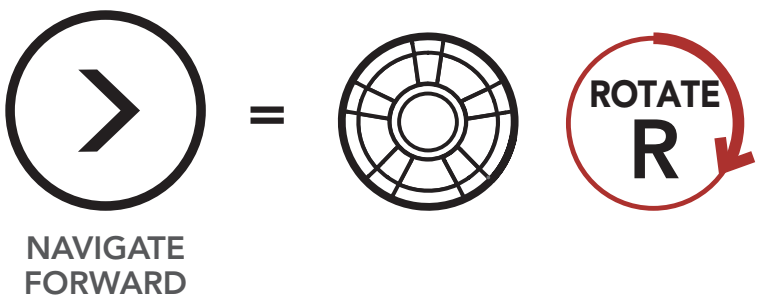
A **Delete All Bluetooth Pairing Information** setting can be found in the **Headset Configuration Menu**.

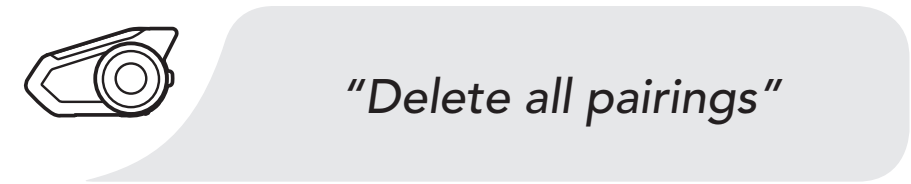
Tap the **Phone Button** when in this menu to **Delete All Bluetooth Pairing Information** stored in the headset.

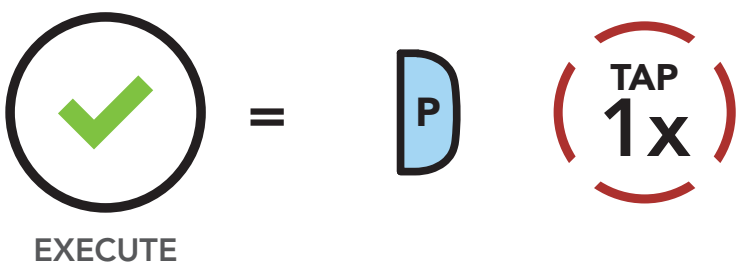
Access Delete All Pairings in the Configuration Menu











14. REMOTE CONTROL

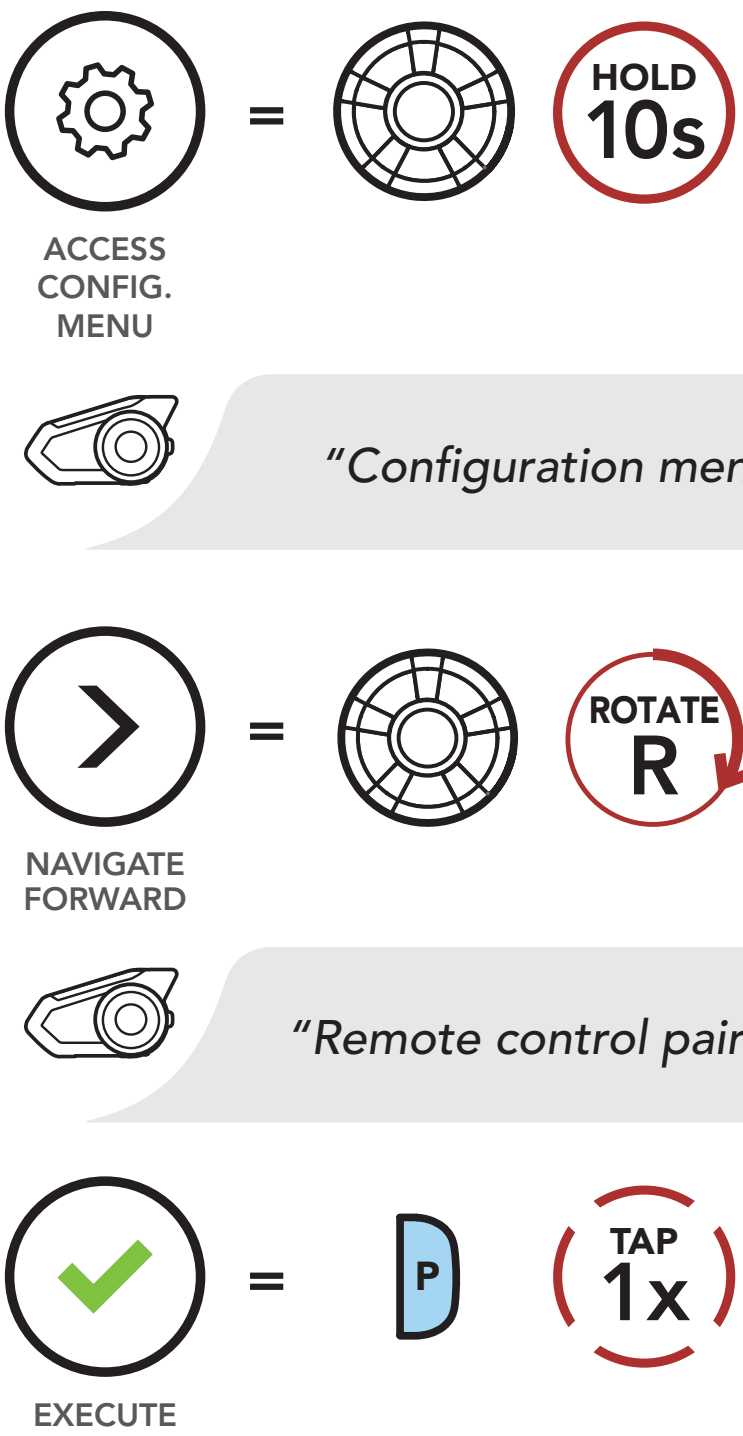
Pairing with the Remote Control

You can remotely control the headset using Sena Remote Control devices (sold separately) such as a Handlebar Remote or a Wristband Remote. This eliminates the need to remove your hands from the handlebars for button operations.

14.1 Pairing with the Remote Control

1. Turn on the headset and the Remote Control device.
2. Execute **Remote Control Pairing** in the **Headset Configuration Menu**.

Access Remote Control Pairing in the Configuration Menu



14. REMOTE CONTROL

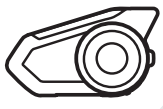
Pairing with the Remote Control

3. Enter pairing mode in the Remote Control device. The headset will automatically connect with the Remote Control device in pairing mode. You will hear a voice prompt, **"Remote control connected"**, when they are successfully paired.

Enter Pairing Mode

REMOTE CONTROL

= Enter Pairing Mode on Remote Control.



"Remote control connected"

15. TROUBLESHOOTING

Fault Reset

Factory Reset

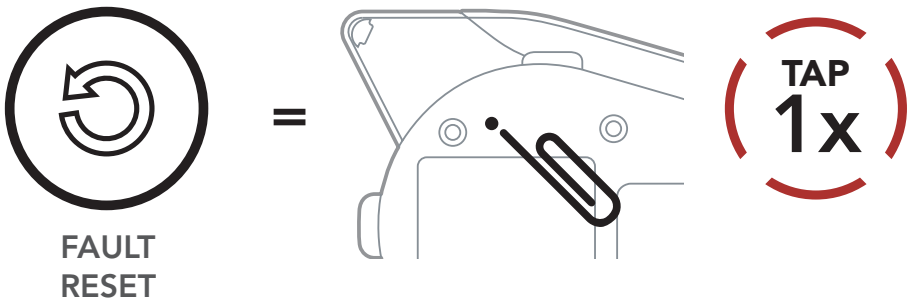
Please visit **oem.sena.com/harley-davidson** for answers to frequently asked questions. This detailed online FAQ section deals with troubleshooting, illustrates case studies and contains tips on using the headset.

Click Here to Visit oem.sena.com/harley-davidson

15.1 Fault Reset

When the headset is not working properly, you can easily reset the unit:

1. Locate the pinhole reset button below on the back of the main unit.
2. Gently insert a paperclip into the hole and tap the **Fault Reset Button** with light pressure.



3. The headset will shut down.

Note: Fault Reset will not restore the headset to factory default settings.

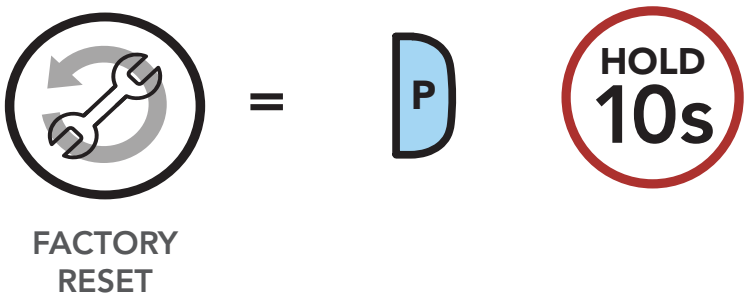
15. TROUBLESHOOTING

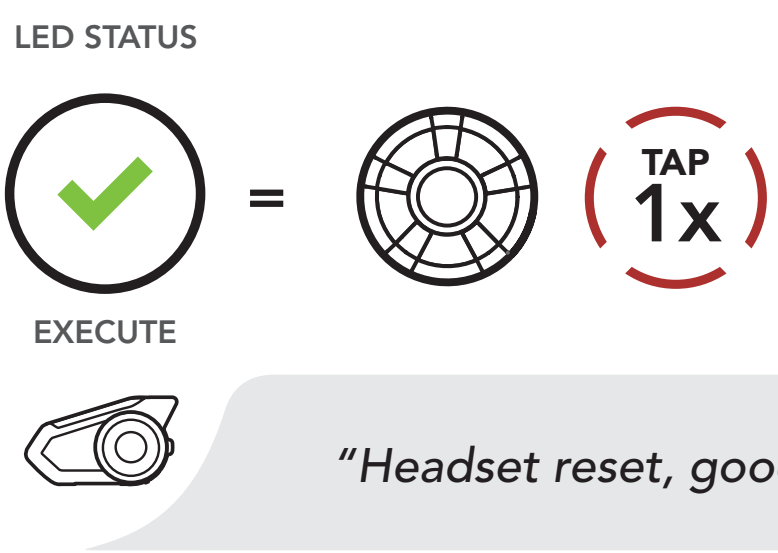
15.2 Factory Reset

Fault Reset

Factory Reset

To erase all of your settings and start fresh, the headset can be restored to factory default settings using the **Factory Reset** feature.





Note: If you press the **Phone Button** or don't press the **Jog Dial** within **5 seconds**, the reset attempt is canceled and the headset returns to standby mode. You will hear a voice prompt saying **"Canceled"**.

CERTIFICATION AND SAFETY APPROVALS

FCC Compliance Statement

This device complies with part 15 of the FCC rules.

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antennae
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. The antenna used for this transmitter must not transmit simultaneously with any other antenna or transmitter, except in accordance with FCC multi-transmitter product procedures.

FCC Caution

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

CE Declaration of Conformity

This product is CE marked according to the provisions of the R&TTE Directive (1999/5/EC). Hereby, Sena declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For further information, please consult **sena.com**. Please note that this product uses radio frequency bands not harmonized within EU. Within the EU this product is intended to be used in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, United Kingdom and within EFTA in Iceland, Norway and Switzerland.

Industry Canada Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: Operation is subject to the following two conditions:

(1) This device may not cause interference.

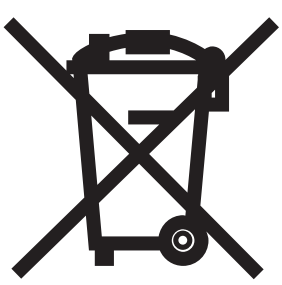
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Bluetooth License

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Sena is under license. Other trademarks and trade names are those of their respective owners.

The product is compliant with and adopts the Bluetooth® Specification 4.1 and has successfully passed all interoperability tests that are specified in the Bluetooth® specification. However, interoperability between the device and other Bluetooth®-enabled products is not guaranteed.

WEEE (Waste Electrical and Electronic Equipment)



The crossed-out wheel bin symbol on the product, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies to the European Union and other locations where separate collection systems are available. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please do not dispose of these products as unsorted municipal waste, but hand it in at an official collection point for recycling.

LIMITED PRODUCT WARRANTY DISCLAIMERS, AND LIMITATIONS

Limited Warranty

Limited Warranty

Harley-Davidson, Inc. (“Harley-Davidson”) guarantees the product quality based on the technical specification stated in the product manual, and data regarding product warranty. Here, product warranty extends to the product only.

Warranty Period

Harley-Davidson warrants that this product shall conform to and perform in accordance with published technical specifications and the accompanying written materials, and shall be free of defects in materials and workmanship, for a period of two (2) years from the date of purchase by the first consumer purchaser of the Product. This limited warranty extends only to the original consumer purchaser of the Product and is not assignable or transferable to any subsequent purchaser/end-user.

Termination

Quality warranty of the product becomes effective on the date of initial purchase. In addition, the quality warranty of the product expires when the warranty period expires. However, in the following cases, the warranty will be terminated prematurely.

- In the event the product has been sold or transferred to a third party.
- In the event the manufacturer’s name, serial number, product label, or other markings have been modified or removed.
- In the event any unauthorized person has tried to disassemble, repair, or modify the product.

Notice and Waiver

By buying and using this product, you relinquish considerable legal rights including any claim for compensation for damages. Therefore, be certain to read and understand the following terms and conditions before using the product. Use of this product will constitute consent to this agreement, and forfeiture of rights to all claims.

1. You must completely understand and accept all risks (including those occurring due to any careless behavior of yours or others) which may occur during the use of this product.
2. You are responsible for ensuring that your medical condition permits usage of the product and that you are in sufficient physical condition for using any device which can be used with it. In addition, you must ensure that the product does not limit your abilities and that you are able to use it safely.
3. You must be an adult who can take responsibilities for using the product.
4. You must read and understand the following warnings and alerts:
    - Harley-Davidson and Sena Technologies, Inc. (“Sena”), together with employees, managers, partners, subsidiaries, representatives, agents, supporting firms and suppliers, sole sellers of Harley-Davidson and Sena

(collectively referred to as "the company") recommend that, before using the product and similar devices of any brands including its derivative models, you collect any relevant information in advance and be entirely prepared in terms of weather, traffic situation, and road conditions.

- When you use the product while you operating any vehicle or equipment such as motorcycles, scooters, mopeds, ATVs, or quad-bikes (hereinafter called "transportation means"), you need to follow the safety precautions provided by the manufacturer of the vehicle.
- When you use the product, use good judgment; never use it under the influence of alcohol.

5. You must read and completely understand all terms and conditions of legal rights and warnings that are involved in using the product. In addition, usage of the product constitutes acceptance of all terms and conditions regarding waiver of rights.

Warranty Exclusions

Reasons for Limited Liabilities

If you do not return the product after purchasing it, you relinquish all rights to liabilities, loss, claims, and claims for reimbursement of expenses (including attorney's fees). Therefore, Harley-Davidson will not be liable for physical injury, death, or any loss or damage of transportation means, possessions, or assets which belong to you or third parties that may have occurred while you use the product. Further, Harley-Davidson will not be liable for any substantial damage not related to the condition, environment, or malfunction of the product. All risks related with the operation of the product depend entirely on the user regardless of its use by the initial purchaser of a third party.

Use of this product may violate local or national laws. In addition, be aware once again that correct and safe use of the product is entirely your responsibility.

Limitation of Liability

TO THE FULL EXTENT ALLOWED BY LAW, HARLEY-DAVIDSON EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF ITS PRODUCTS, EVEN IF HARLEY-DAVIDSON OR ITS AUTHORIZED RESELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT HARLEY-DAVIDSON'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE. IN ANY CASE, THE TOTAL COMPENSATION LIABILITIES OF HARLEY-DAVIDSON OR ITS SALES AGENTS SHALL NOT EXCEED THE PRICE PAID FOR THE PRODUCT BY THE PURCHASER.

Liabilities Disclaimer

In addition to damages which may occur due to the use of the product, Harley-Davidson will not be liable for damages of the product which occur due to the following events.

- In the event the product is misused or used for purposes other than its intended purposes.
- In the event the product is damaged because the user does not follow the content of the product manual.
- In the event the product is damaged because it has been left unattended or has undergone any other accident.
- In the event the product is damaged because the user has used any parts or software which are not provided by the manufacturer.
- In the event the product is damaged because the user has disassembled, repaired, or modified it in such way as is not explained in the product manual.
- In the event the product is damaged by a third party.
- In the event the product is damaged due to Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster).
- In the event the surface of the product is damaged by use.

Warranty Service

To obtain product warranty service, send the defective product, at your expense, to the manufacturer or the seller along with proof of purchase (a receipt that shows the purchase date, a product registration certificate of the Website, and other relevant information). Take necessary measures to protect the product. In order to get a refund or replacement, you must include the whole package as it was purchased. Harley-Davidson will provide free-of-charge repair or replacement service for the product when product defects occur within the scope of the product warranty during the warranty period.